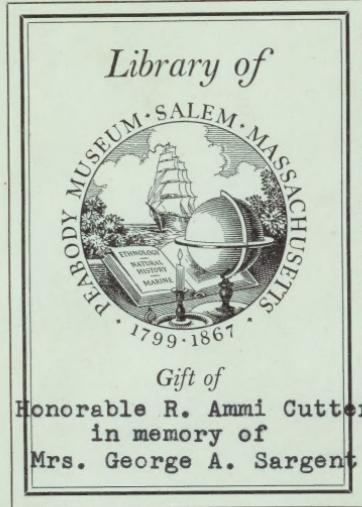


20, 243

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Log 1303

656-1798/99A

rule gave
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l in

291
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Salem Marine Society

Phillips Library

A Journal from Salem to Europe and India on
board the ship Astraea belonging to Elias Hasket
Derby Esqr Merchant of Salem.— Tuesday August
21st 1798 being ready for sea at 8 o'clock in the
morning came to sail with the wind at SW
attended with Mr Derby & William Lander in
Mr Derby's boat, who accompanied me below the
fort and according to the English rule gave
us three cheers which was answered on
board the ship.— After which I made sail in
in company with several boats and one brig
the St John Capt Godshall bound to the west
Indies, at noon Cape Ann bore N by W about 2 Leagues
Dist— observed a lower lim. b to be 59° 08' — O Dec 11° 55' N
whence Lat^d is 42° 38' —

At noon the departure is taken from cape ann
bearing N by W 6 miles — Lat^d 42° 44' Long. 70° 33' W

St. Goustan from Solaia toward Cadiz

Wednesday August 22nd 1798

H	M	hrs	Courses	wind	See occurances
1	3			ssw	
2	3	1	8645		
3	6				
4	7				
5	7	-	858	-	
6	7				
7	9				
8	9				
9	6	1	8645	ww	
10	6	1			
11	6	1			
12	6				
1	6	1			
2	6	1			
3	6	1			
4	6	1			
5	6	1			
6	6	1			
7	6	1			
8	5				
9	5	1			
10	3				
11	4	1			
12	4			west	

Corrs	Dist	dist	Lat	Lat	Dist	Dist	Long	Long	Dist
1798 14 ^h 28 ^m	140		42°16'	42°16' 30"	86	24	W		

observed the meridian abd to beat 8 am up royal yards
 $59^{\circ}07'$ \pm limit of declin $11^{\circ}39'N'$
 whence the Latit is $42^{\circ}16'$ North

Remarks between America
and Europe —

at noon Cape arm bore Nby E 2
Leagues from which I take
my Departure Latit $42^{\circ}44'N$
Long $70^{\circ}33'$ west first breeze
sent down the royal yards —
at 4 pm spake a ship from
martinico bound to Boston —
Benj: Hines master she
being a very large ship
showing 20 guns — at 4 Capt
Godshall was out of sight as
steer — Every sail I have
seen as yet I have out sail
very much at 6 pm very
foggy wind incling westly

more moderate

A Journal From Salers towards Cadiz —

Thursday August 2nd 1798

1H	15'	1H 15'	Cards	Wind	W Direction	Sea Observance
1	2.	1	Eby 23	NNW		
2	2.	1				
3	3.					
4	4.	1				
5	5.					
6	6.	1				
7	7.	—	ESE - N by W			
8	7.	1				
9	7.	1				
10	7.	1	SE by E	NNE		
11	8.					
12	8.					
1	6.	1				
2	5.	1				
3	5.	1				
4	4.	1				
5	4.	1				
6	4.	1				
7	5.	1				
8	5.	1				
9	6.					
10	6.					
11	6.					
12	6.					

Cards	Lat	Alt	Date	Dist	W	Long in
162.06	134	102	118	4m14	2°38'	64°46'

Observed the meridian altitude to
be 59°54' Lh of Declin 110°N -
 whence Latit is 41°09' North -

Remarks between America
and Europe —

Began with cloudy weather the
wind incling to the north & east
wind at 2 pm were ship at
8 pm took in the studding
and top gallant sails —
Variation p^r Rainier - 8°26' w
at 10 pm reefed three top sails
at 12 double reefed them and
hoisted main sail after which
hoisted mizen top sail and down
top gallant yards - & hoisted fore
top gallant mast - at 6 am set
mizen top sail & reefed -
fresh breeze and very large
sea running —

of Gannard from Salem towards Cadiz

Friday Aug 24th 1798 —

H	T	KK	Cards	wind	see occurrence
1	3	1	S 66° 8'	N 8 -	$\frac{3}{4}$
2	3	1			
3	5				
4	5				
5	6	1	586 8		
6	6	1			-
7	6				
8	6				
9	6	-	85 8	N 66 N	$\frac{3}{4}$
10	6				
11	3	1			
12	3				
1	4	1		NNW	0
2	4	1			
3	4				
4	5				
5	3	1			
6	3	1			
7	4				
8	4				
9	4				
10	4				
11	3				
12	3				

cons	dist	alt	date	Lat	Long in.
------	------	-----	------	-----	----------

1648	917	51	105	40° 18'	2:14
------	-----	----	-----	---------	------

Magnified the meridian altitude to be 60° 18' L limb - o declin.

10° 64' north whence the
latt is 40° 24' north —

Variation allowed $\frac{3}{4}$ point

Remarks between Salem
and Cadiz —

Begins with stiff gales and
and very large sea which
is not uncommon in crossing
the gulf stream — at 9 pm
wind inclining more westerly
at 11. pm moderate enough
for the gill & miners —

Stays up main top gallant
yard and swivels up fore
top gallant mast — wind very
soft set the studding sails —
wind inclines to be moderate
and a very large cross sea
running — I think the
ship sails much faster
when moderate than she
did the last voyage. —

A general view of Salem towards Cadiz —

Saturday Aug 25th 1998

H	I	K	R	Coples	wind west	La
1	2	1		858		
2	2	1				
3	3					
4	3					
5	3					
6	3					
7	3	1				
8	3	1				
9	4	1				
10	5	1				
11	6					
12	6					
1	4	1		Elys	west	
2	4	1				
3	6					
4	6					
5	6	1				
6	7					
7	7	1				
8	7	1				
9	7	1				
10	7	1				
11	7	1				
12	8					

Age	Sex	wt	Sur.	Lat	Elon	Long	
2868	M	126	4	126	144.12	2.45	59.12

On the 21st our last long in part of this 24 hours the weather has been a squally Northerly wind & meridian altitude as it is in the month of December to be 60°07' L. Lind & Declination zero.

10034 N^o where a fatid is

400 ft north —

variations alteradas para

A Journal From Salem towards Cadiz

Sunday Aug 26th 1798

HR	15	FLD	Cicles	wind	W	occurrence	2
1	2	-	860	WSE	W	0	
2	2	-					
3	7						
4	6	1					
5	6						
6	5	1					
7	6						
8	6						
9	6						
10	6						
11	5						
12	5						
1	5	1	860	-	NNW		
2	6	1					
3	7						
4	7	1					
5	6	1					
6	6	1					
7	7	1	-	860	-	NNW	
8	7	1	-	-	-	NW	
9	7	1	-	-	-	North	
10	7	1	-	-	-	North	
11	8					NNW	
12	8						
Course	80°	31'	Var	2° N	20°	Longitude	
Latit	38°	8'	147	21	145	39° 18' 44"	3u 23
							56° 19' W

Misreaded the 860 on the dial. Take 60 + 31 = 93 1/3 - & declining them the Log gives W 13° North whence the Latit^d 39° 30' North. —

Wind allowed 1 point

Remarks between Salem
and Cadiz —

Began with stiff gales and
large sea attended with very
heavy squalls and much rain —
under double reef fore and main
top sails and mizen one handed
at 11 pm more clear made
sail — set mizen top sail and
single reef main one —
at 6 am set whole top and
top gallant sails — and
spinnaker top sail — I know
keeps a man at the mast
head on the lookout the
whole time —

This 24 hours the ship makes
several miles more south —
than the Log gives,
weather owing to a current
or the steering gear
determines —

I journeyed from Seville towards Cadiz

Monday Aug 28th 1748

Remarks between Salen
and Cadiz. —

Alt	Wd	Dir	Condition	Wind	Wind Dir	Remarks
1	7		Ebb	-	NW	
2	7					
3	6	1				
4	6					
5	5	1				
6	5	1	Ebys	-		
7	5					
8	4					
9	3	1				
10	3		Ebb	-	-	
11	2					
12	2					
1	1					
2	1					
3	calm					
4						
5						
6						
7	4	1	Ebys			
8	3					
9	6	1	East			
10	6					
11	7		NNE	-		
12	7					

	East	West	Ref	Var	Lat	Alt	Long
16	80.07	81	81	00	39.30	114.46	54°38'W

60 No observation this day
of any kind —

Begins with pleasant weather
at 6 pm in top gallant sails ..
at 8 set staysails -
middle part calm at 9 am
the man at the mast
head discovered a sail right
ahead I bore away more to
the northward at 10 saw an
other both of them standing
towards us - I wore ship and
loaded the guns fore and
after cleared away the docks

the above was a large ship
and a sloop - I thought whether
the sloop might not be a
privateer and the ship a
prize to her — soon after
saw another on the Lee quarter

1 point was allowed

A Journal from Salem towards Cadiz —

Tuesday August 28th 1798

Remarks between Salem
and Cadiz —

FT	ft	FR	Course	wind	²	w occurrence
1	6					
2	6					
3	6					
4	6					
5	9					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
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3	6					
4	6					
5	6					
6	6					
7	7					
8	7					
9	7					
10	7					
11	8					
12	8					

Lat	Lat	Lat	Lat	Lat	Lat
cess	00° 00' 00"	00° 00' 00"	00° 00' 00"	00° 00' 00"	00° 00' 00"

East 146 00 146 34 43 0 3° 10' 51" 23'

Observed & men allow it to be 39° 58'

Limb of horizon 41° 31' north

whence the Lat 39° 21' north

Longitude in by ~~TD*~~ 53° 47'

begins with a fine breeze &
clear weather at 6 pm the
variation of compass was 11° 2'
west — at 1 am took the Lunon
observation to determine the
longitude with the stars
Aguila & Aldebaran one
east & the other west of her
~~TD*~~ the mean of which make
the longitude 55° 23' west at
the time of observation which
is brought forward to noon
is 53° 47' but the weather

being very hazy and the
ship rolling very much

it cannot be near the truth

as observation of the distance

while observing would differ 5 &

6 miles —

A garment from Salem - towards Cadiz

Wednesday Augt 29th 1743

			Wind	W	Recurrent
H	13	14	SE	W	
1	6		S E S - W W W		
2	6				
3	6				
4	6				
5	2	1			
6	3			N E E	
7	3				
8	3				
9	4				
10	4		E E S - -		
11	3	1			
12	3				
1	2	1	S E S variable	0	
2	2	1			
3	2	1			
4	2	1	- S E S -	0	
5	2				
6	2				
7	2				
8	2		N E	1	
9	2	1			
10	2	1	E N E -		
11	2				
12	1				

Remarks Lecture 10. 2nd year
Ondiz

begins with fresh breeze from
the westward at 8 pm begins to
moderate and haul to the south-
ward — often which quite
moderate — at 8 am tack &
shift to the N.E. ward — I
find a very strong current
setting to the southwest which
has over hauled the ship 48 miles
to the southwest — more than
her log gives —

Ex 10 65 1/1 ter ¹⁴⁹ 20¹ long. N 878 65 3 65 39°33' 1:24 149m 5 fm w

Researched the area, added to
be Cono 8. L. Lamb - October 9, '10
with whence Latit is 33° 50'
Month:

Longitude by A.D. 52° 23' w

point was allowed

A Journal from Sables towards Cadiz

Thursday Aug 30th 1798

Hour	Altitude	Wind	Compass
1	Sables		
2			
3			
4	Eby N	SS E	
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A Journal from Salem towards Cadiz

10 days at sea

January 2nd 1798

FF	15	Th	series	wind	to occur
1	2	1	S by N	W W	
2	2	1			
3	2	1			
4	2	1			
5	2	1			
6	1	1		W	
7	1	1			
8	1	1			
9	1	1			
10	1	1			
11	calm				
12					
13	1	1			or north
14	2	1			
15	2	1			
16	2	1			
17	1	1			W by S
18	1	1			variable
19	2	1			
20	2	1			
21	2	1			
22	2	1			

Course	Dist	Lat	Long	Dist	Lat	Long
165° 8' E	42	18	38	37° 34'	49	48° 23'

Absence of moon about to be
88.01 Limb of moon 81.26
north - whence the Lat
39° 43' north
Longitude, by & * 49.29 W
 $\frac{1}{4}$ points variation -

Remarks between Salem
and Cadiz -

Begins with light wind and
very warm in this latitude,
all sail set - at 11 pm a
stunned with a dead calm,
at 1 am a small wind sprang
up but remained very moderate
all the twenty one hours -
several dolphin round the
ship caught none of them.

I have had a very strong
current setting to the North,
and this day has set me up
minutes - to the northward

Journal from Salem towards Cadiz 11 days at sea 41°²

Latitude September 1 st 1748		
Lat	Long	Wind
1 2 2	1 2 2	east
2 2 2	2 2 2	west
3 2 2		
4 2 2		
5 2 2		
6 2 2		
7 2 2		
8 2 1		
9 3 2		
10 3 2		
11 3 1		
12 2 1		
13 1 1		
14 1 1		
15 1 1		
16 1 1		
17 1 1		
18 1 1		
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A Journal From Salem towards Cadiz

Sunday left 20th 1798

H	F	Fr	Forces	winds	occurred
1	7	1	8 by 5 th	SW -	
2	7	1			
3	7				
4	3				
5	7				
6	6	1			
7	6	1			
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At noonant from Salem towards Cadiz

4187

Monday Septh 23rd 1798

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A Journal of a Voyage towards Cadiz

Thursday, Sept⁶th 1798

Remarks between Salern
and Cadiz. 16 days at sea

Begins with moderate clear
weather wind inclining south by
at 6 pm observed a magnetism 82mm.

Dist	Time	Ship Lat 40° 00' S declin
40.82	4 ^h 30'	6 ^m 30' north whence
60	4 ^h 30'	the true variation is
27.2 miles	4 ^h 30'	83 ^m 14' - and variation
	5 ^m 20'	is 20 ^m 54' west
	6 ^h 00' 28' mean	

at 3 am "Observation was taken
with the alidade & the
Moon to determine the longitude
of the observation yesterday
and the one to day being
brought forward to this noon
and mean being taken -

time	dist	dist	hor par 49.03
4 ^h 19.15	62.17	37.04	49.03 0
2.13		16 m	error 49.06

4^h 20.26 62.8 37.16 49.06 14' 43^m 28^s 13

Dist at green

with 6^m 44.46 14' 43^m 28^s 13

Our distance 49.03

Time off London - 4^h 00' 16'

Time at ship - 4^h 20' 26'

Longitude in time 2^m 39.50'

and in degrees is - 39.50'

Brought forward to this
noon is - 39.43 and the on

yesterday - 39.18

38^m 31^s means 39.00

Observed our altitude to be
55^m 25^s Lhmb & declin 6.14 N

whence the lat is 40.37 N

Longitude by off two last

observation Oct 39.31 W -

1 1/2 variation allowed

A Progress from Salem towards Cadiz

Friday Septth 1798

11	15	St	coast	wind,	²	occur
1	1		Ebys	sw -		
2	1					
3	1					
4	1					
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10	1					
11	1					
12	1					

cos	for	xl	80°	Lat	80°N	xl	Longitude
N ²	8	161	160	15	16:32	2:32	32°14'W

Observed meridian altitude

to be 84°33' declination 8^o52' N

whence the Lat^{it} is 80°47' N

Longitude by 80°31:29W

For variation

Remarks between Salem
and Cadiz — 17 days at sea
begins with light breeze
and clear — at 8 pm cloudy
Middle part light flying
clouds and a little rain —
at 11 am the man at the
look out on the fore tops
yesterday round called out
a sail in the 28 quarter
at 12 o'clock I tack & ship ^{as} made
at the weather being small
I thought it prudent ^{by}
not to come too near him ^{as} he
was the uppermost ^{part}
of a large sail —

A. C. Gossard, President, Robert Edwards, Vice-President

Saturday Sept 25th 1798

Remarks between Selan
and Ediz - 18 August 1888

I had a sail this past Friday of the 24 hours and
travel'd back to this N.Y. port last night & here —
at 8 A.M. had breakfast on the steamer, belonging to
the S.S. Associated Pacific the one yesterday home.

Begins with moderate gales
and cloudy At 2 pm saw a sail
and tacked ship to the NW wind
and at 2 tacked again to the
Eastward - The cause of my
tacking was that I thought
the sail that I saw in the
E. might be a Grouper and
the weather being very
cloudy and squally had she
been a crowding ship in
which case I thought I had
a chance of getting away
from her in some of the
Tyrells - but I believe both
our fears were a kick for
he was as soon a poseable
as could be -

at 8 am saw another on
the same which projected
to a brig & likely the same

Longitude by star = 30° 35' W

$1\frac{3}{4}$ points nomination allowed in

A Journal from Salem towards Concord.

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Sunday, Sept 9th 1788

Remarks between Salem and

17	18	19	20	21	22	23	24	25	26
11	12	Corps	wind	10	Occurrence				
2	3	8 by 5 ¹	NW						
3	4	1							
4	4	1							
5	4	1							
6	4	1							
7	6	1							
8	6	1							
9	6	1							
10	7	1							
11	7	1							
12	7	1							
13	14	13	140	40.58	3.04	28°48' W			
14	15	14	150	40.58	3.04	28°48' W			
15	16	14	160	40.58	3.04	28°48' W			
16	17	14	170	40.58	3.04	28°48' W			
17	18	14	180	40.58	3.04	28°48' W			
18	19	14	190	40.58	3.04	28°48' W			
19	20	14	200	40.58	3.04	28°48' W			
20	21	14	210	40.58	3.04	28°48' W			
21	22	14	220	40.58	3.04	28°48' W			
22	23	14	230	40.58	3.04	28°48' W			
23	24	14	240	40.58	3.04	28°48' W			
24	25	14	250	40.58	3.04	28°48' W			
25	26	14	260	40.58	3.04	28°48' W			
26	27	14	270	40.58	3.04	28°48' W			
27	28	14	280	40.58	3.04	28°48' W			
28	29	14	290	40.58	3.04	28°48' W			
29	30	14	300	40.58	3.04	28°48' W			
30	31	14	310	40.58	3.04	28°48' W			
31	32	14	320	40.58	3.04	28°48' W			
32	33	14	330	40.58	3.04	28°48' W			
33	34	14	340	40.58	3.04	28°48' W			
34	35	14	350	40.58	3.04	28°48' W			
35	36	14	360	40.58	3.04	28°48' W			
36	37	14	370	40.58	3.04	28°48' W			
37	38	14	380	40.58	3.04	28°48' W			
38	39	14	390	40.58	3.04	28°48' W			
39	40	14	400	40.58	3.04	28°48' W			
40	41	14	410	40.58	3.04	28°48' W			
41	42	14	420	40.58	3.04	28°48' W			
42	43	14	430	40.58	3.04	28°48' W			
43	44	14	440	40.58	3.04	28°48' W			
44	45	14	450	40.58	3.04	28°48' W			
45	46	14	460	40.58	3.04	28°48' W			
46	47	14	470	40.58	3.04	28°48' W			
47	48	14	480	40.58	3.04	28°48' W			
48	49	14	490	40.58	3.04	28°48' W			
49	50	14	500	40.58	3.04	28°48' W			
50	51	14	510	40.58	3.04	28°48' W			
51	52	14	520	40.58	3.04	28°48' W			
52	53	14	530	40.58	3.04	28°48' W			
53	54	14	540	40.58	3.04	28°48' W			
54	55	14	550	40.58	3.04	28°48' W			
55	56	14	560	40.58	3.04	28°48' W			
56	57	14	570	40.58	3.04	28°48' W			
57	58	14	580	40.58	3.04	28°48' W			
58	59	14	590	40.58	3.04	28°48' W			
59	60</								

A Gouraud's Journal from towards Cadiz on board Ship
Astrea

Monday Sept 19 1793

11	Latitude	Westerly winds	10° 0'	Occurrance
12		2868 ^{1/2} North	0	
3	6			
4	6			
5	6			
6	7			
7	6			
9	6			
10	6			
11	6	NW		
12	5			
13	5	NW		
14	5			
15	5			
16	5			
17	4			
18	4			
19	4			
20	4			
21	3			
22	3			
23	3			
24	3			
25	3			
26	2			
27	2			
28	1			
29	1			
30	1			
31	1			
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16	0			

A Journal from Salem towards Cadiz -

418

Tuesday Sep^r 11 1748

ft	5 ft	Centes	Wind	occurrence
1	1	800	W by N	
2	1	868		
3	1			
4	1	868		
5	1			
6	1			
7	6			
8	6			
9	6			
10	6			
11	6			
12	6			
13	8			
14	8			
15	8			
16	7			
17	7			
18	7			
19	7			
20	7			
21	6			
22	6			

Long	Lat	Dist	Alt	Long	Lat	Dist
29° 46' E	15° 33'	28	150	40° 4' S	31° 16'	22° 24'

Observed the sun's meridian altitude to be 54° 05' Lhink - 0 decl.
4° 22' north - whence the latitude
40° 05' north.

Longitude by O.C. - 21° 24' west.

2 points variation allowed

Romanee between Salem
and Cadiz - 21 days at sea - by
beginning with pleasant clear weather,
the wind variable from WNW
to west -

at 11:28 pm Obs alt of the pole star

Table - 41° 30'

dip - 4

corr from table sub - 40° 26'

Lated pole star - 39° 53'

at 11:28 obs alt from about 18° 48'

dip and refraction - 7

* declin - 18° 41' 50"

Latitude in 39° 41' 30"

40° 38'

at same time observed the altitude
of mars - 34° 42'

dip and refraction - 5

mars declination - 34° 37' 15"

14° 43' 5"

40° 40'

Lated by pole & - 39° 53'

mean two zeniths 40° 39'

Lat at 11:28 pm - 40° 26'

variation per every compass

wes - 22° 8' w -

A Journal From Salem towards Cadiz

Wednesday Sept 11th 1748

FT	IS	FF	Waves	Winds	W	Occurred
1	6	1	Ely 8	NW		
2	6	1				
3	6					
4	6					
5	5	1				
6	5	1		VNW		
7	6	1				
8	6	1				
9	6	1				
10	6	1	- - -	variable		
11	6	1				
12	6	1				
1	6	1		North		
2	6	1				
3	6	1				
4	6	1				
5	5	1		NN E		
6	4	1				
7	4	1		N E & N		
8	4	1				
9	4					
10	4					
11	4					
12	4					

cons	dist	2d	2d	Latt	2d	Long d N
Elys	138	26	135	39' 39	2.36	19.28

Observed the sun meridian altitude to be 54.18 - I limb - a declination 3.59 north - latt 39.89 north

Longitude by Oct 18.23 w

Variation 2 points allowed

Remarks between Salem
and Cadiz 24 days at sea

Begins with moderate breezes and clear weather soon after came on cloudy and showers of rain - at 10 squally - at half past 5 am the man at the mast head saw a sail which proved to be a schooner with a fine topsail - a standing to the NW wind - This day the wind has been very variable during the night attended with several light hours of rains -

In some of those squalls last night the ship was kept off more to the southward -

A Journal from Salem towards Cadiz

418

Thursday Sept 73rd 1798

Remarks between Salem and
Cadiz } 23 days at sea

Hi	N	W	Course	wind	$\frac{1}{2}$	occurrences
1	5°		S ESE	NE NW	2	
2	6°					
3	5°					
4	5°		observed			
5	4°					
6	4°					
7	4°	1°				
8	4°	1°	observed			
9	4°	1°				
10	3°					
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Elboway with Eddin towards Caddis -

Answered letter 14th 11-98

			Wind	Wind	Wind
1	2	3	SW	SE	SW
17	15	15			
1	2	3			
2	3	3			
3	3	3			
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att
one
E.B.

Genus	Species	SL mm	TL mm	WT gm	Sex	Long DR
Cerat	Pisces	XL 8"	XL	XL	XL	Long DR
1408	94	72	60	37.47	1.77	6.14

Observed the Comandan altitude
to be 65° 14' - Declination 3° 13' 00"
Whence the Lat is 32° 47' north

Longitude by Mean of one
Lunar Observation Oct 12th 93

Remarks between Salem
and Erie 12th day at sea
between four and six o'clock observed
the distance between the sun and moon
to determine the longitude
and between six and seven observed
the distance between the stars -

Date	Lat	Long
6.14	31° 46'	47° 45' 28"
	32° 27'	44° 00'
6.15	30° 45'	47° 43' 28"
	32° 52'	39° 27' 33"
6.16	31° 53'	48° 16' 10"

Our distance 18° 22'.25
 Time at Greenwich 9^h 50'.48
 Time at Ship 4^h 46'.56
 Longitide at 3 pm 16° 28'.2
 brought on to this noon is 15° 27'.2
 Time in Paris 10^h 17'.40
 Mean time 10^h 17'.40

Time	Secs	Speed	Dist.	Ans.
6:44:32		14.07	14.33	27.38
6:44:32		14.04	14.34	32
6:58:48		14.05	14.26	28.20
		4	14.26	16.20
14:01		14.33	27.16	10

Our distance 27.03.23
Time Greenwich 7.38:20 0:48:32
Time of ship, 6:52:48 0:48:32
which is one degree at 8pm 11:23 W
and brought on to this noon is -10.82

<u>when taken</u>	<u>observer</u>	<u>the apparent table, is the mean of the 4 last Lunar observations brought forward to this noon by O.K.</u>
13 M ^o 8 ^d	12.52	
14 - 0 ^d	12.54	
days when taken	12.53	
	mean	
	4 last	
	obsr	

Latter - Or middle part of this
24 hours wind came from the
North & Eastward

A gommier from Salou towards Cadiz —

Saturday Aug 15th 1948

Fifteen Cents		Twenty-five Cents	Thirty Cents	Forty Cents	Fifty Cents	Sixty Cents	Seventy Cents	Eighty Cents	Ninety Cents	One
1	5	1875 8 1/2 N		1						
2	5	1875 8 1/2 N		1						
3	5	1875 8 1/2 N		1						
4	5	1875 8 1/2 N		1						
5	4	-28 - 8888		1						
6	4	-28 - 8888		1						
7	5	1875 8 1/2 N		1						
8	4	1875 8 1/2 N		1						
9	4	1875 8 1/2 N		1						
10	4	1875 8 1/2 N		1						
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14	4	1875 8 1/2 N		1						
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17	4	1875 8 1/2 N		1						
18	5	1875 8 1/2 N		1						
19	4	1875 8 1/2 N		1						
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St. Vincent Cape. St. Vincent Banks
East voice. Angle. 92 miles distant

Say the hours

164.8 109.48 97 36.892.02 14.17 W

Observed the sun's meridian altitude to be 83° 84' limb. e

declination 24°50' north, whence
the lat. is 37°04' north.—

Longitude by OXO 10:51^m

Remarks between Salou
and Cadiz. - 25 days at sea.

Begins with strong breeze
with a very large sea run-
ning from the eastward -
wind inclining a little north-
ward but the sea is turned
the ships coming up against
the sea and the breeze being
very strong makes her to
pitch very much at 11pm
headed in to gallant oil at
6am set it again -

The top sail having one reef in them and main tops
gallant sail set over. The reef in top sail.

A German name, taken towards Cecily

Sunday Sept^r 16th 1798

		Flt	Corsair	winch	occurred
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294	294	4	1		
295	295	4	1		
296	296	4	1		
297	297	4	1		
298	298	4	1		
299	299	4	1		
300	300	4	1		
301	301	4	1		
302	302	4	1		
303	303	4	1		
304	304	4	1		
305	305	4	1		
306	306	4	1		
307	307	4	1		
308	308				

curr. 81° xl var. ^{20°} D 13 xl longit.
270° E 86° 29' 81' 27.38' 14° 69.38'

Observed the Sun Meridian
Altitude to be 55°38' Lumb &
Declination 2°24' North when
the Luminiferous 36°37' 10" N.

Longitude by ~~AD~~-9.08 w
by the mean of 4 last Observations
decreased to ~~9.08~~

Remarks between Salem
and Cadiz. — 16 day

Between 2 pm and 9 pm local,
two lunar observations with the

~~or~~ to determine the Longitude -

Oratt	Lat.	Long.	D. hor. for
43°.00	21°14'	72°48'00"	58°13'
21°56'	43	52	59°52'
48°.00	21.27	72°48'20"	59° Lat. 37.01 N
	12	37.16	Odekin - 2°48'N
43°.00	22.07	72°48'.56	Lat. green wiols -
at 3°.72.48.41.9	24.19.36	Our dist 72.150.23	

Time Greenwich. — 3.07.48

June 1st. - - - 2:19:12
difference Meridians 01 deg 02'

in deynes 12.04 and at noon - 10.26

Time	start	end	dist. K.M.	Final Plant
14:15	9:41	13:47	82.46	0 hor 89.78
17:30	10:06	13:29	42	score 92.29
18:52	9:53	13:44	82.44	over ground w
8:03	4	12	15.39	in 6:33:43:16
3:7:49	9:49	13:46	82.4609	82.640

Our distance 82:17.47

Time Greenwich 8.39.25
Time at Ship - - - 9. 7.49

Difference in meridians = 29° 36' is 7° 54' a

brought forward to noon - 7.19

The mean of those two observations

on both sides was brought to

were to this evening as we are?

wore to this noon as gusy w

The weather being very hazy
could not see the land and the
wind far eastly

A Journal from Salers towards Cadiz

Monday Sep^r 17th 1758

Hour	Westerly	Wind w ^r occurrence	Time
1 3	Shobs	86 N ^o	1/2
2 3			
3 3			
4 8			
5 9	1 86 S		1/2
6 9			
7 2	East		
8 2			
9 2	- 86 S		1/2
10 2			
11 4			
12 4			
1 7			
2 7	- 85 S		1/2
3 7			
4 8	- 85 -		
5 4			
6 4			
7 5	N 86 N ^o		1/2
8 5			
9 5			
10 4			
11 5			
12 5			

Course E by S 26 gr East Long 88^o
N 38 12' 40" 36 49' 31" 11 44"

Observed the meridian altitude to be 54 52' Lumb -
Declin 2 14 N^o whence the
Latitude 37° 00' north.

Longitude by the last
Lunar by D^o 8 12' West -

Remarks between Salers

and Cadiz - 19 days

Begins with moderate breeze
and very large crop of sea moss
ely from the S.E. wind -
which makes the ship roll
very much - had the appear-
ance of a strong current

at 8 AM saw a sail to windw.
and a standing to the southw. -
and upon a wind as soon as he to
had pass'd me he bore away
which gave me reason to de-
think he was a cruiser &
I turned all hands up - and I
got every thing in readiness
to receive him - but I soon

found I out sail him -
yet after meridian saw
a sail ahead which proved
to be a duster sloop -

Journal of a Voyage from Salem towards Cadiz

Tuesday Sept 18th 1795

1	light	Course	winds	2	w current
2	2	North	80° E.	4	
3	2				
4	2				
5	2	1			
6	1	SE by S	28.67° L		
7	2	SE	variable		
8	2				
9	2	1 - SE by S			
10	2				
11	3	25 E - East	- 1		
12	2	1			
13	2	1			
14	2	1			
15	3	28 by S - variable			
16	3	1			
17	3	1			
18	3	1 - SE by S			
19	2	1			
20	2	1			
21	1	SW	18 - 1		
22	1				

Lat 61° 26' 8" N. 26 Long W
149° 32' 21" 24' 36' 39" 26' 11" 18'

Observed the sun's meridian altitude to be 54° 50' 2 limb declin 1.41 months - whence the lat is 36° 39' North -

Longitude by E.A. 7.46 -

Remarks between Salem
and Cadiz — 28th day

Begins with moderate breeze and very long crests sea running in all manner of directions as though we were between two winds at 4 pm saw thirteen sail in the SW with one very large ship with them which I took to be a vessel of war all a standing to the westward - at 8 pm saw another sail to leeward at 3 pm tack ship to the southward —

I make 26 miles difference of longitude this 24 hours by the Log - but I suppose her to not make one mile as there seems to be a current setting strong to the westward other way I should make the land —

2 points variation allowed

at Gouraud from Salem towards Cadiz

187

Wednesday 29th Sept 19th

HR	FK	Course	winds	20	Occurrences
1		calm			
4	3	1	28.		
8	2	12.68.	variable		
6	2				
7	4	East	NW		
8	5				
9	9				
10	5	1			
11	3				
12	3				
1	1				
3	1				
4	calm				
8	1	East	North		
6	1				
7	1	86.0	10.11 NNE		
8	1				
9	1				
10	4	1			
11	2.				
12	2	1			

hrs. 07.00 10.00 12.00 14.00 16.00
8788.43 9 43 36.48 54 10.24 W

Observed the meridian about to be 64000 2 lins.
True Declination being 5.18
months whence the Date
is 36.46 months

Longitude by Oct 6452.

But by the Land - 8°43' 1/2 - 1/2 points allowed

Remarks between Salem
and Cadiz - 29th day

Begins with light airs of
wind and a head beaten sea,
at 5 pm with a fresh breeze
from the NW but of a short
duration at 11 pm I saw the
land bearing NW 8 but no one
else could see it I had my
doubts about it weather it was
the land or not till day light
when the land appeared in
sight at day light saw the
ditch. Dugor bearing 28° 30'
at 8 saw a brig a head but it
seems to be a friend of

me soon after saw another
other than the weather
very moderate and cloudy

A Journal from Seville towards Cadiz

Thursday Sept 20th 1798

14	K	St	Courses	Wind	W	Occurrence
1	3	7	ESE	W	SW	
2	4					
3	4					
4	4					
5	4	1	SEB ESE			
6	5					
7	5	1				
8	5	1				
9	5	1	-286 E			
10	5	1				
11	5	1				
12	5	1	286 848			
13	5	1				
14	5	1	-828			
15	5	1	-286 848	NNE		
16	6	4				
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

con. des xl & n & f. B xl long. N

Latitude Observed 36° 26' 18" when the shipping in sight
bearing E by S - at anchor
out 21° of Cadiz - which was
Trincomalee fleet -

Remarks between Cadiz &
Vivencias and Cadiz

This day begins moderate breeze
at day light wind northwesterly a
Number of sail in sight at 7 am.
Saw the Cantone frigate of
56 guns Capt Wayne conveying
a ship No 2000 - & a sloop the
Ship Valley from Boston out
40 days Capt Peter Wilder he
had been up to the English
fleet but could not be admitted
into Cadiz on account of his
lacking provision for cargo
Capt Wilder informed me
that the privateers had been
very troublesome - and informed
that the French had taken

the Island of Malta and that
the French had 50 thousand
troops - & went on board the
Cortine and was very politely
treated by the Capt and dis
missed - at the same time
saw 2 Trincomalee fleet from
the most head bearing ESE
at anchor at Cadiz -
and one 74 under sail

There is in all the ships laying before 16 sail of the
line and no frigates which I suppose they are much in
want of - The fleet was at anchor between St Sebastian by
and the little Town of Trotto up to the 24th about 80 miles
miles - in two divisions that is to say sail of the
line lay about 12 miles off and the rest lay
farther say about 3 miles -
in the after noon I went on board the Ville de Paris -
admiral St Vincents of 110 guns - but she had only 108
mounted on board of which I received every mark of respect
and giving me all the information in his power and
Liberty to enter the port - but told me when I came
out he would convoy me of the coast of Spain - The
officers were also very polite - wthst my pass port
was making out one of them gave an invitation to go
and visit the ships which invitation I excepted as I never
before saw the different departments of so large a ship of
war for which I was very much gratified - It being now
in what the English call in high order - after getting in
my pass port & came on board major - our ship
and run by the first squarding and come to lay
then ships the Lieutenant came on board and

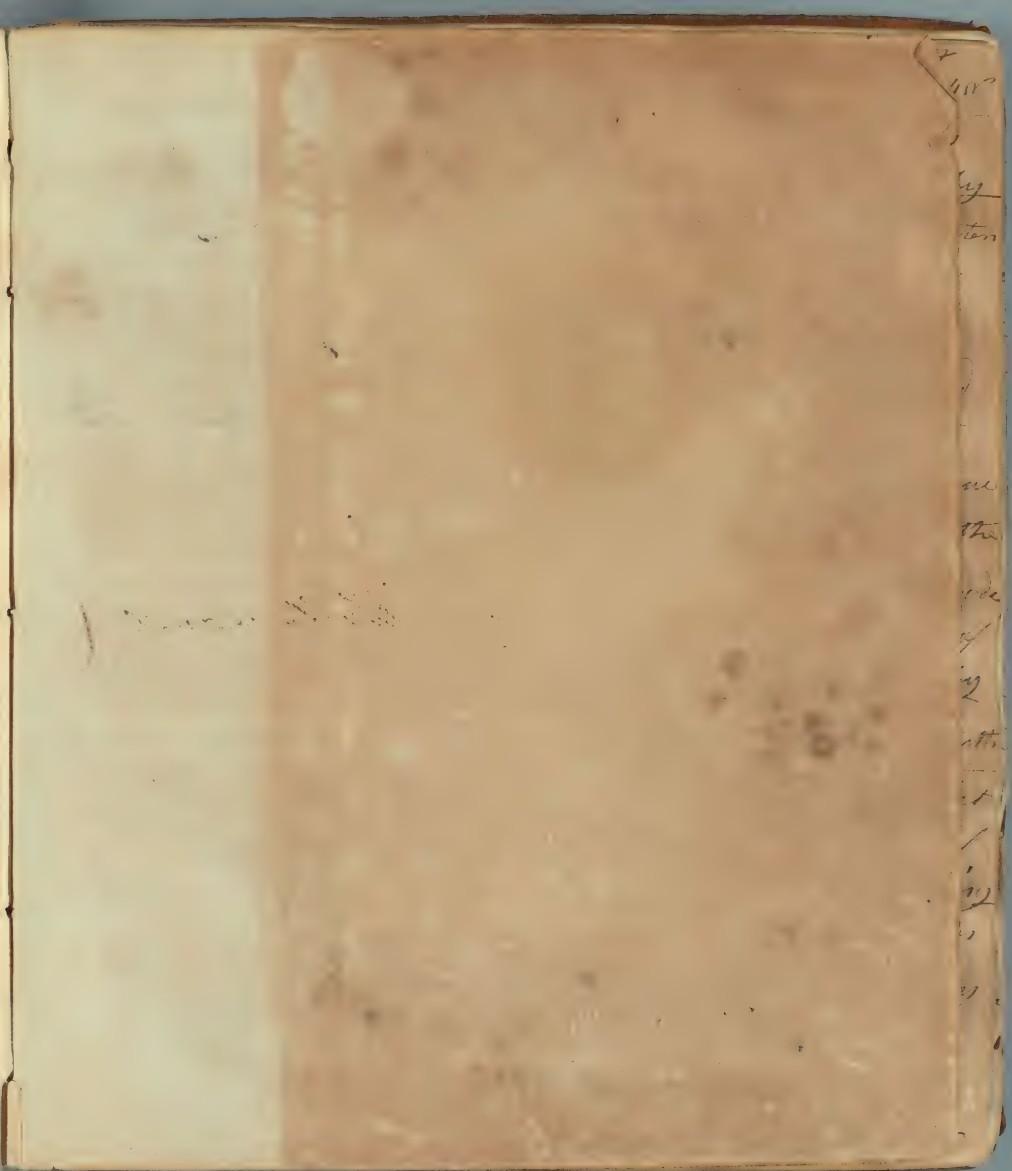
and behaved with a genteel deal of civility. — I am informed by several of those officers of the men of war that the pirates are very numerous in the port of Gibraltar mostly gun boats that carry two 24 pounders and when calm will attack any ships or ships even the men of war and not long since a number of them in a calm attacked three men of war lines of battle ships — two of them 74 guns and the other a thre decker — and the capt of the Caroline frigate told me also that in a calm they would take his ship which was a frigate of 36 guns —

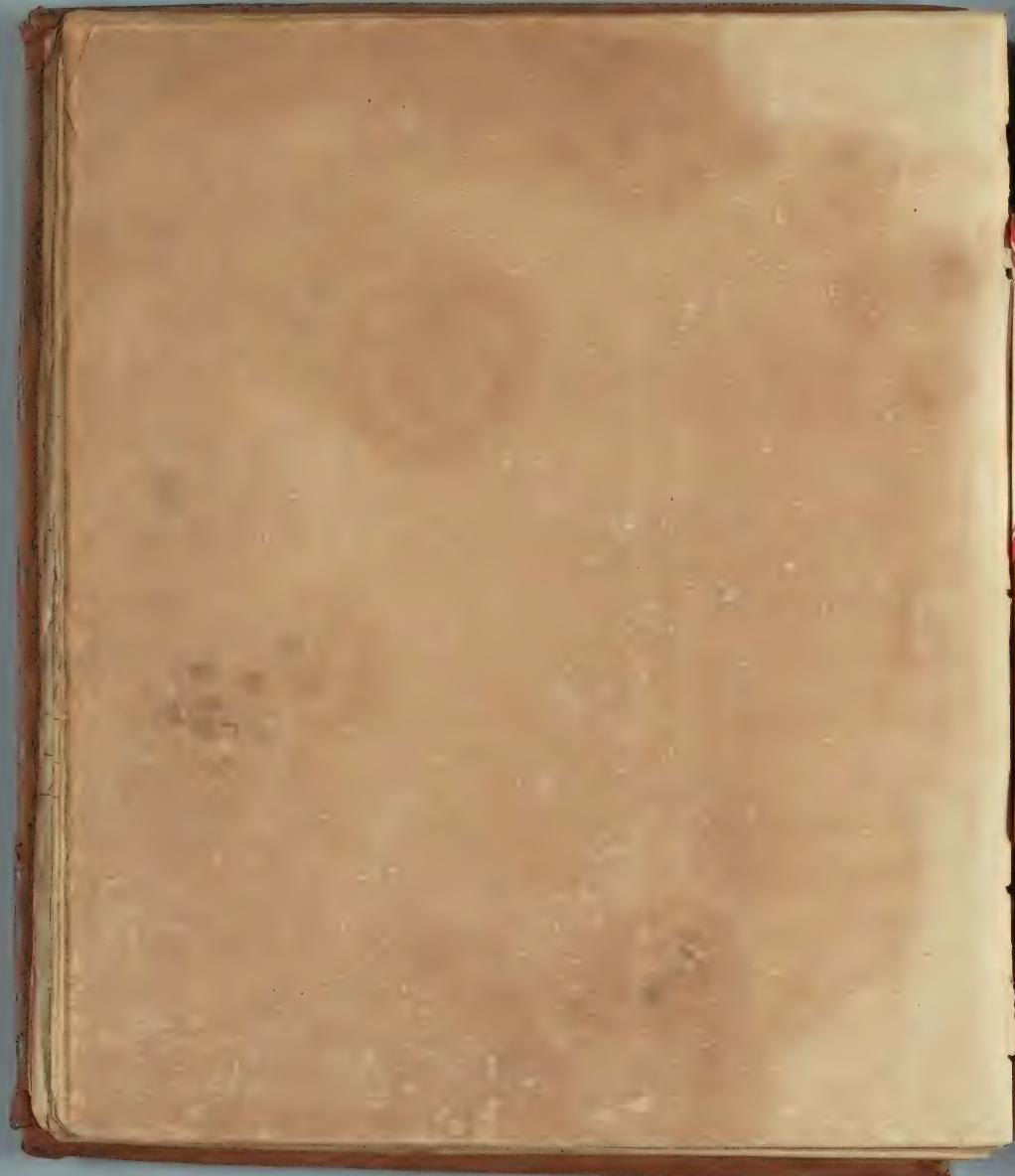
(Friday) Sept 21st 1775. Cadiz —

This morning the men of war came on board and prested in in getting under way. at the same time one of those 74 guns ship came to sail and stood in for the land the breeze being very light — I staved in for Cadiz — a bout the time I took the pilot that is when I was about two mile from the portes — The Malbro 74 was almost becalm with in about 10 miles from the shore — when 66 gun boats with one 32 pounder in them pove advanced from Cadiz and commenced a heavy and well directed fire upon the Malbro 74 which she returned with equal warmth

Wormat which made the water between them appear
the same a crackers Carl St Vincent sent every
boat in his fleet to assist her the ship keep all
sail out and the wind being so she could but
get lay of or a little more then lay the stone
a long and very light at the same time - but
she keeps up a hot fire against those boats -
what damage was done on either side I have
not yet learnt - about 2 o'clock a pilot came
a long side but would not come on board - when he
was informed that the ship came from amrica
and that I could do he would not - and the answer
he would make was cutting out currantine currantine
but after a long synd of that kind he went ahead
and followed him in to the port - and the unloading
ing, ~~between~~ the Malboe and the Spanish
gun boats made us in a little confusion for some
time - but about 4 o'clock I let go my anchor in
Caviz bay, - I found here Capt John Bantton
from Salem in the big gonye packet belonging
to John Denby Junr he had 35 or 36 days passage
as I am informed - though I have not been yet
on shore. I have not yet got the hattie boats -

can tell by the American masters of vessels
that come along side that my cargo will
answer very well - but the prices are
on the decline - as Lord Vincent has -
I find at Port Royal a Gentleman from Martinico
by the Name of Mallecaull - who
commanded a frigate under the King of
France - and was in possession of a very
large estate in Martinico & one
also in Guadaloupe - S Mallecaull -





our Convoy close aboard thwing to the N.E
westward - Described the Latitude to be ~36° 24' 18"

Was with present weather - at 3 pm we
saw English flat - at 4 pm we were boarded by
the ship Northumberland of 74 guns Capt Weston
9 desirous from 2 pikes & 2 water carts of
wine which a talk on board for the first
the two water carts as a present for Lord
Vincent and the pike for Capt Duthie
of the Lieutenant 74 - for which his offer gave
me a receipt - I post the night amongst the
fleet the weather being very moderate made
it disagreeable to keep from getting on board of
them - at 4 am saw the land bearing SSW by
Comps - Latit abo t. 12 o'clock was 36. 17 18 West

Thur.
Nov. 18

Cloudy weather just by the English flat
being moderate the men of
either a longside - mine being
since all of them taking in
land water - A Convoy sails from
the flat at 4 pm for Gibilterr under a
Frigate and a Brig with 18 or 20 sail of
merchants men - at 11 am the weather

mg I went
rowdells and
the pilot
to sail
in
hawking
time

had
in that
premedately
gums - he
thinner vessel

our Convoy close on board standing to the N & westward - Observed the Latitude to be 36° 24' N

Wednesday
Nov 15

Begins with pleasant weather - at 3 pm saw the English fleet - at 4 pm was hoisted by the ship Northumberland of 74 guns Capt Manton & destined from Spike & 2 water casks of wine - which & took on board for the fleet the two water casks as a present for Lord Vincent and the piske for Capt Duckwirth of the Lieutenant 74 - for which his officers gave me a Meett - I past the night amongst the fleet the weather being very moderate made it disagreeable to keep from getting on board of them - at 5 am saw the Land bearing SSW by compass - Latit Abs & 12 o'clock was 36° 17' North

Thursday
Nov 16

Cloudy weather past by the English fleet the weather being moderate the men of war had with them a Longside - there being 12 sail of the line all of them taking in Provisions and water - A Convoy sails from the fleet at 4 pm for Gibralter under a Frigate and a Brig with 18 or 20 sail of Merchantmen - at 11 am the weather

being very squally sent down the top gallant
yards-hauled the main sail-housed the
two guns lay by grate part of the night
for Capt Burton he sailing very dull
at day light saw the convoy to windward
and at 8 AM saw the grand fleet bearing
about Wby N^o - tack ship and stdd. to
the leeward smoke Capt Burton —
Latitude observed 36° 19' north

Friday
Nov 16

Begins with moderate breeze and southwesterly - standing
to the eastward - at 9 am tack ship to the westward
Lost sight of the fleet when night came on at
day light the fleet were much nearer then
at sun set - all the morning it being close
calm - at 8 am saw a small sail a nooning for
the ship which I took to be a friend's privateer
when she came within gun shot I gave
her a gun not meaning anything more
then to make her hoist her colors but the
gun being so well directed that the shot
fell close on board of him - he immediately down
sails and up shunsh. colors —
The convoy still to windward at no o'clock
the whole fleet tacked ship - Williams & Hubinge

me to windward with the fleet. This Morning a
small vessel had the appearance of a privateer
was moving after Capt. Banton. he hoisted his
colors & hove too he then moderately gave over
and lay round the other way at no o'clock
there is 2 74 gun ships one frigate and a pri-
-teen Brig. - the frigate and Brig have the
convoy under their direction and the two men
of war are crossing)

Sunday Nov 17th
1798 - begins with moderate breeze and latter part
strong gales from the SW ward all the fleet in
sight at 10 AM down top gallant yards and
close next the top gimb - and hoisted the regals
of one man-of-war the three top gallant
masts - Latitd observed 36° 00' north

Sunday Nov 18th
at 4 AM made cape Spartel bearing 286° E
6 Leagues at 10 entered the Straits of Gibraltar
in company with Capt. Banton and an English
Bark at 3 PM the wind shifted to the SE
which obliged me to make several tacks in
the Straits at 8 saw two French privateers
and saw them fire at and bring to

Several reefs - at 10 saw 5 or 6 more of them.
some of them hoisted three colors - one of
them hoisted french colors and the bloody
flag over it and gave chase to the english
Barke - I took ship and stood for her and
she immediately took to and made off - I accounted
one of those small privateers in the whole
which are out at every reef that passes
the straits of gibralter - I could get none of
them to come near me - Latit. was not
observed as the weather being unusually -
Several water Spouts came close on board
of the ship -

Monday Nov 19- This day begins cloudy wind variable against
number of french privateers in sight
but all of them took care to keep a distance
of which they could do at pleasure as the
weather being moderate - Moved with a
very strong current setting to the eastward
at 6 pm had calm which lasted all night
at 3 am set gibralter bore North by compass

and at day light it bore north - saw the land bearing from NNE to south at 10 at night being calm Capt Banton being come on board so that I was oblige to lower the small boat down take her off - at 12 meridian spoke an English
Sloop of war we got all ready to engage her -
seeing that she had not many guns - and she came right down before the wind
that I could not see her colors. She told me
that he had not seen any french men in
the Meditainer. I did not think to ask him
from whence he came but I suppose from
Alexandria - at 12 o'clock gibraltar bore NbyE
NW about 10 or am large wind at SSW -

Tuesday
Nov 20

Begins with moderate breeze and cloudy wind
still carries easterly tacking ship every
four hours after 10 am for the Spanish
coast at 11 am saw several boats in shore
to the westward of Melilla at noon gibraltar
was bore west by compass Latd 36° 18' N

Several refells - at 10 saw 5 or 6 more of them.
one of them hoisted three colors - one of
them hoisted french colors and the bloody
flag over it and gave chase to the englsh.
Barke 9 lackt shps and stood for her and
she immedately tookt and made off. I encountered
one of those small privateers in the whale
which are out at every refell that passes
the straits of gibnester. I could get none of
them to come near me - lastt was not
observed as the weather being synally -
several water Spouts came close on board
of the ship -

Monday Nov 19. This day begins cloudy wind variable agreeable
number of french privateers in sight
but all of them took care to keep a distance
of which they could do at pleasure as the
weather being moderate -风速
very strong current setting to the eastward
at 6 pm dep calm which lasted all night
at 3 am set gibnester bore North by compass

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Sloop of war we got all ready to engage her
seeing that she had not many guns - and
she came right down before the wind
that I could not see her colors. She told me
that he had not seen any french men in
the Medetraine. I did not think to ask her
from whence he came but I suppose from
Alessandria - at 12 o'clock gibralter bore NbyW
about 10 on an average wind at 828-

Tuesday
Nov 20

Begins with moderate breeze and basty wind
still cuts eastly tacking ship every
four hours and so on for the Spanish
Coast at 11 am saw several boats in shore
to the westward of Malaga at noon gibralter
- en bore west by compass Latd 38° 18' 10"

Windsor's
Nov 21 -

This 21 hours begins with moderate
Easterly weather and a very large head seas
Sea as I was standing to the Sw wind
I steered off to the SSW wind upon a
wind till 2 am when it came on very
squally close neath the top sails after
which it fell very moderate wind
variable at am clear at 10 I judge my
self about a haur of Malaya from.

at 11 am
steered SSW
per compass

6 to 8 Leagues of at 11 am a small brus.
Strong up from the SW water
Latit in per obs 36° 28' North -

Thursday
Nov 22 A.M.

Moderate breezes at noon Malaya bore
N E for 10 Leagues at the same time
Saw a sail in shone of us standing
after the ship, at 4 pm I saw that she
was a frigate with a splendid and
sail out and all this sail I took in, to
gallant sails and up comes for cap
Banton to go ahead he then immediately
shortened sail when night came on
I lost sight of him sunshining he had

gave over chase, but at 10 pm he appeared again right a steamer under full sail & gave each Buntin the signal for a strange sail a steamer and in top gallant sails and up courses and all hands to quarters when he saw the top gallant sails in &c he discharged - I then reefed the three topsails and made sail saw nothing of him more the remainder of the night attended with a very fresh breeze from the westward steered SSW till 8 am and hauled to the northward wind still at west the ship very crank obliged me to louse the lee gun
Lat 36° 12' S
Absorbed in 36° 12' south

friday Nov 23rd

begins with very strong gales loused the guns at 5 handed the top sails at 6 handed all sail but the fore sail it blowing very hard at 11 handed the fore sail and lay by under a mizzen staysail the land being in sight from the deck some were about Cape Palas at 4 am more moderate made sail at day light saw the

Lined to windward at 8 Cape Palos bore
west by south - the wind at about west and
very squally and the ship so very crank
that I could not carry to it - even with
the lee guns hoisted and top gallant yard
down and the top gallant mast hoisted -
at noon the weather cleared off observed
the Latit 37° 49' North - soon after getting
the sun saw the towers of Alicant at 5
o'clock in the evening paid to leeward of port
and with the wind at west and at 8 o'clock
came to anchor at Alicant outside the
Shipping Dug fathoms I should have run
further in had it not been for Capt Benton
who came to in 13 fathoms his name had
been hear before his coming too so far off
made me anchor farther off than I should other
ways have done — My Papage has been
a 11 days from Cadiz —

Toruney
Nov 24th

This day's moderate westerly breeze stanchion
of Alhucemas at 9 o'clock in the morning. The
health boat came on board on a long sides
for the bill of health & then got the ship
under way and beat into the road and came
to anchor as did capt Barrios - at 12 o'clock Mr Bowditch
observed the Latit^d to 38° 18' - and most of the
books lay it down in 38° 25' which makes a
difference of 9 miles, to the y^e were it is which
states. Strangers commonly miss the
spot by going to the north & eastward off
it - Alhucemas the anchorage place which is
right before the town - lies from the Little
Island as they call it N 28° 8' per Compas 11 mil
distance - This small Island makes unendan-
gerous for pirates in war time as in the
present war the French lay there to
intercept any vessels either going into or
coming out of Alhucemas and the Spanish
Government permits it as the French have
so much power in the government of
Spain that the Spaniards are afraid
to interfere in anything. The French

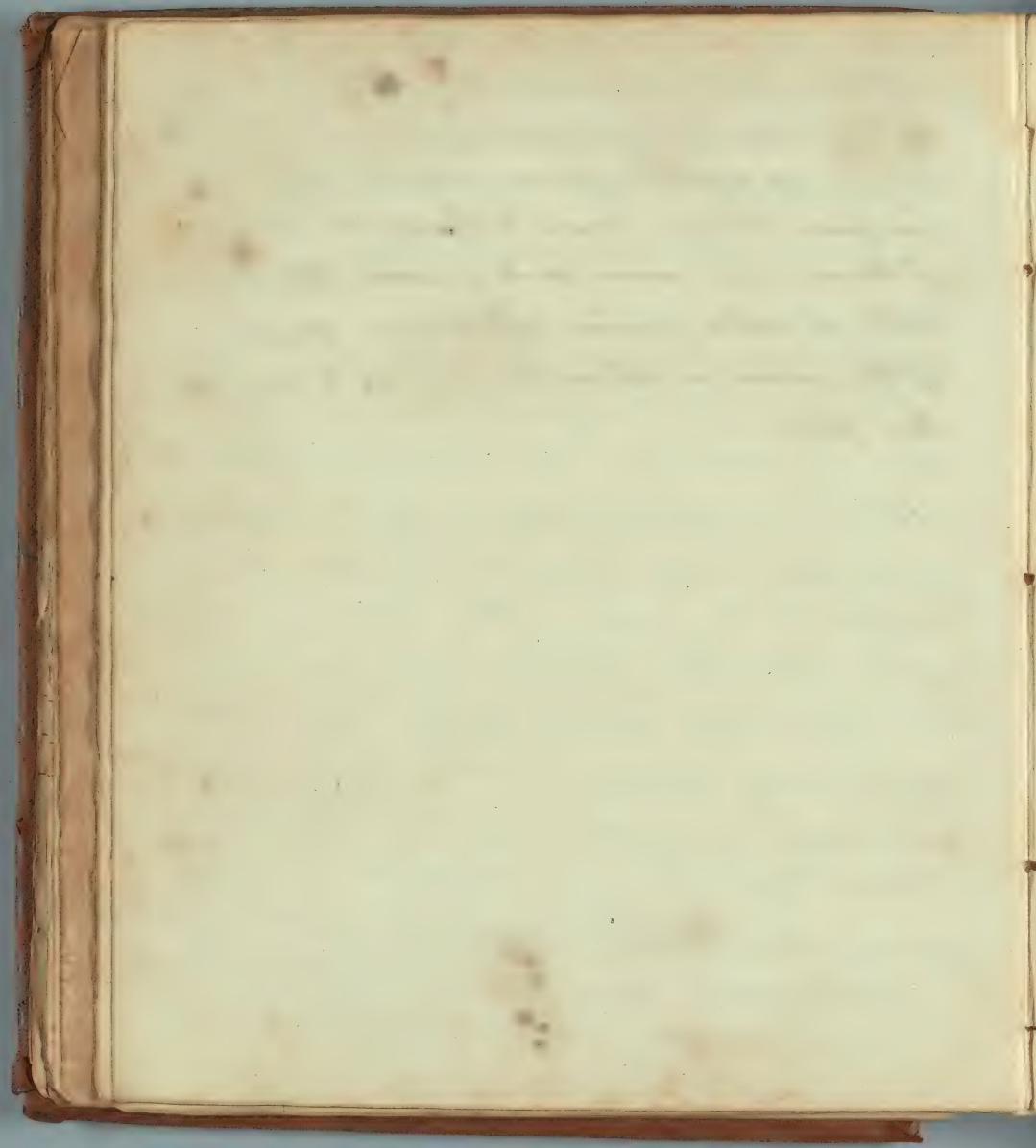
is in their own Kingdom - Some of the inhabitants
of Alcantre are part owners of some of the prints
and also the inhabitants of Cadiz - but these
names do not appear on the papers - but there are
as many Spanish owners as French and the printers
are half mixed with Spaniards -

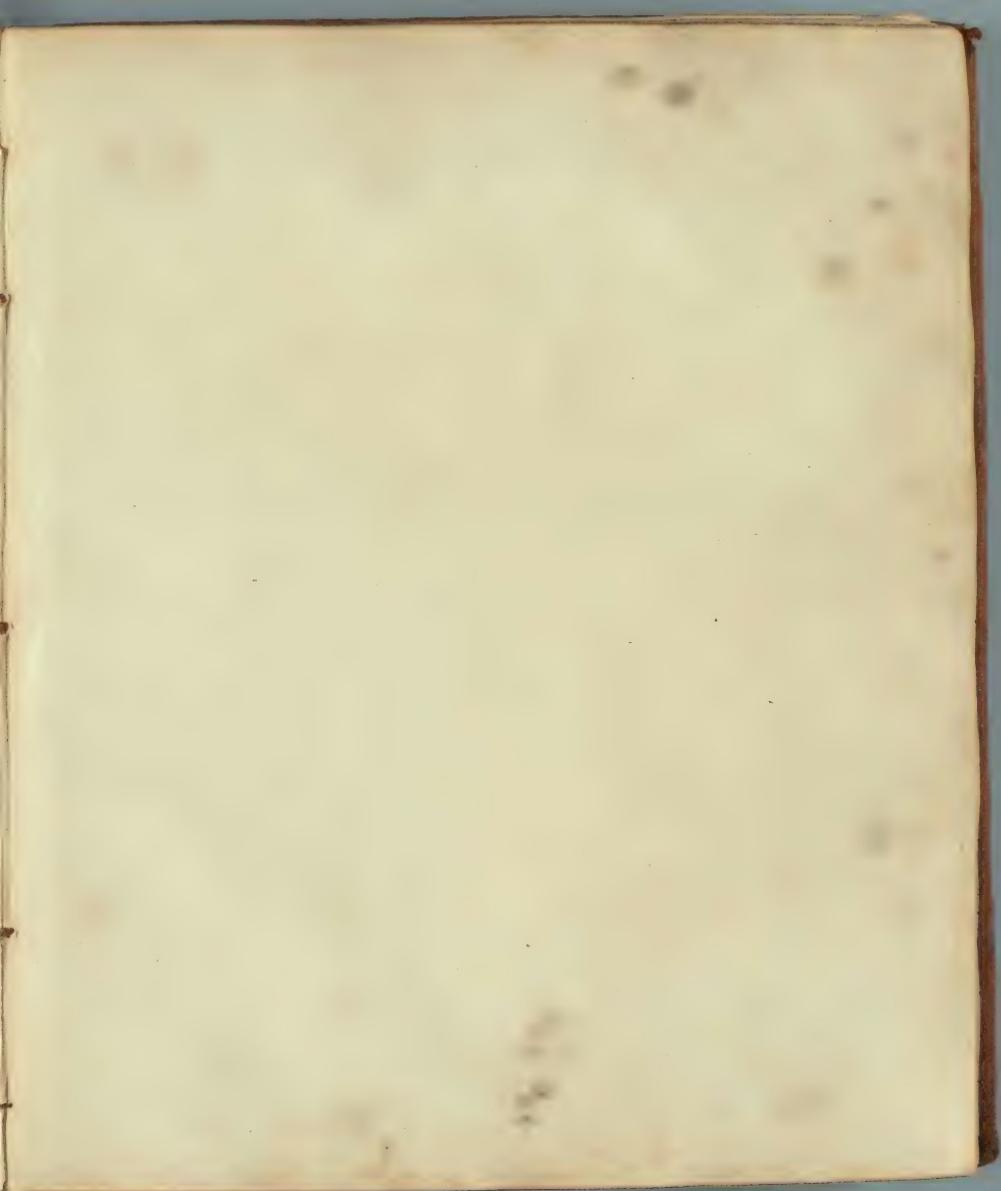
In times of peace they have a great commerce
with the English, but at present it's all cut off
in consequence of the present war - The Merchants
or Brokers as the most of the business there is on
commission and they have very suspicious look
after one another in business which keeps
up a competition between them for the most
part at present the greatest is between the
House of Montegomery and Vernaciene & the other
who are at several points - There is no other
House in Alcantre that done any American
business this year except those two - but
all kinds of business done is known in
12 hours through the place by those that

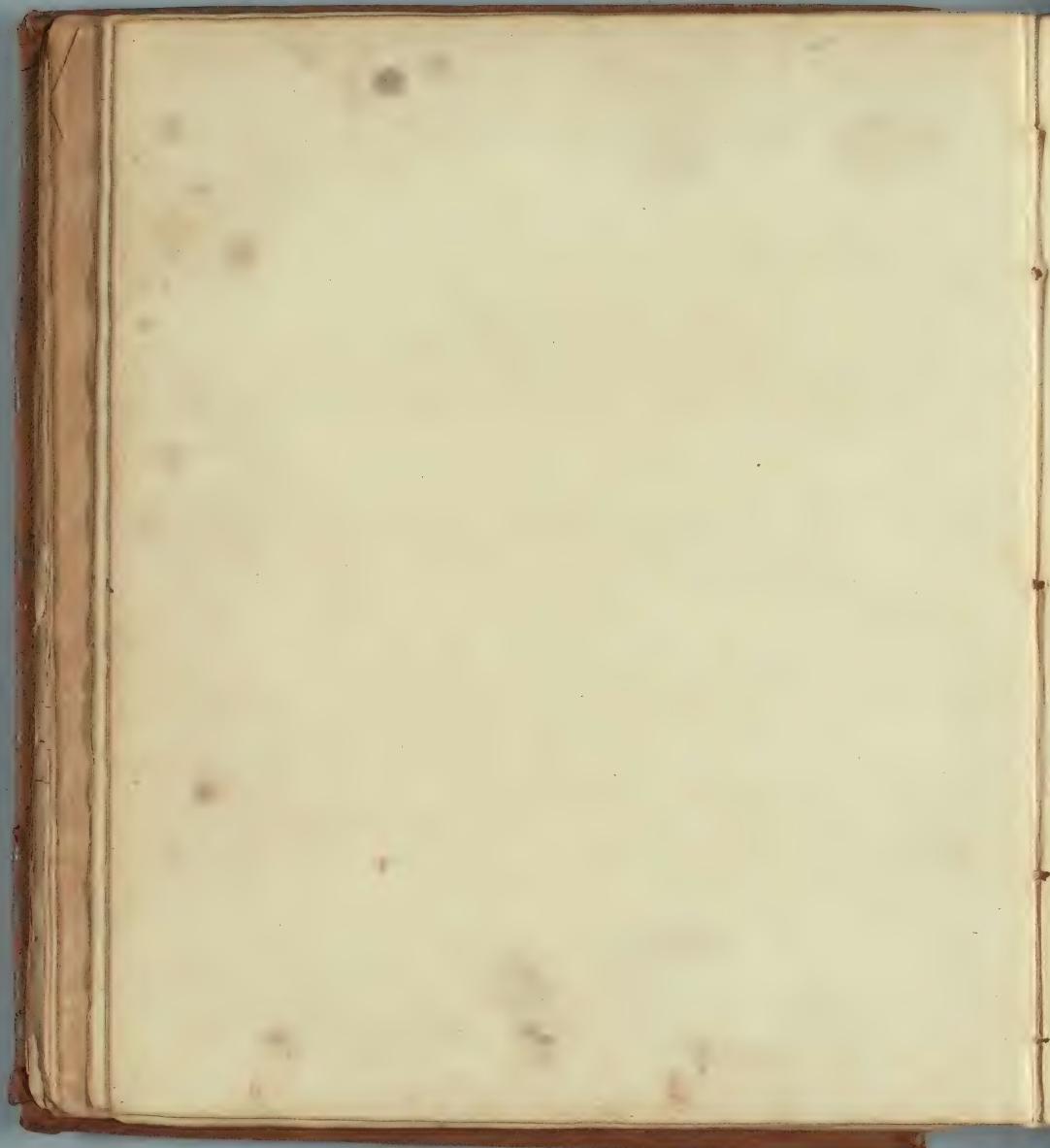
that wish to know - which is commonly the case in
all small places like Alicante - when a vessel arrives
which is not confignd Montgomery the American
Consul and some others but his hout with his cloak
comes a long ride to enquire who dose your busness
with the greater pretensions of friend ship -
and the minute you send some of clanks will
attend you to his house and it is next to impos-
able of getting away without engaing to dine
with him the same day if in the forenoon if
not the next day this you must do before you
leave. liberty leave the house - and when
you come at table his wife will force you
to eat in such an over bearing manner and insist
on your not refusing and in such a manor that
one must a front her or kill him self with
eating but this is only to answer their own ends
as it is often taking with a stranger and
some, my look upon such kind of people
as very scolute - - Alicante exports an
quantity of which is carried yearly about

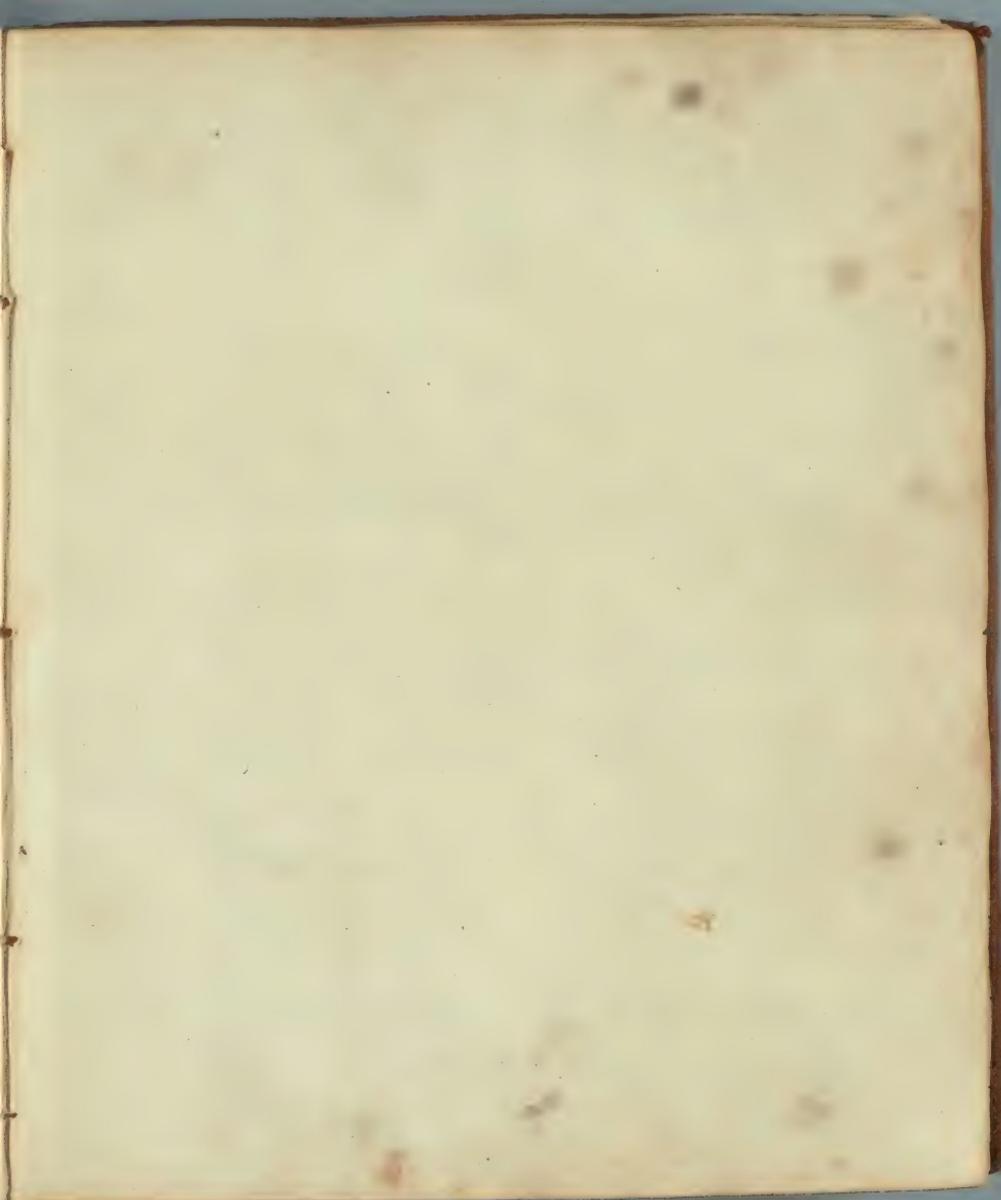
about 6 thousand pipes and wine about thousand
but the most of the wines are made into brandy
rums and exported to England but not so good
as the Malaga they use them for the most
part for making wins when they arrive
in England - Bristol is an article of very great
export - The best and almost the only thing
that will answer to carry to Africa from
america is fish which has been worth over one
thousand dollars or not under that
a few nutmegs and other spices would answer during
the war but they could not be admitted to an entary
as that trade belongs to the Philippine Company
and their trade being entirely flat which would
make it unprofitable to take a small quantity off
these articles - Rivington shore could easily be done
as there is not an officer in the government
but what can be bought for a small sum say
from 20 to 50 dollars - a few Bengal goods
may be sold in the same way such as
Burdwan Lanchenhip &c - and Nancons

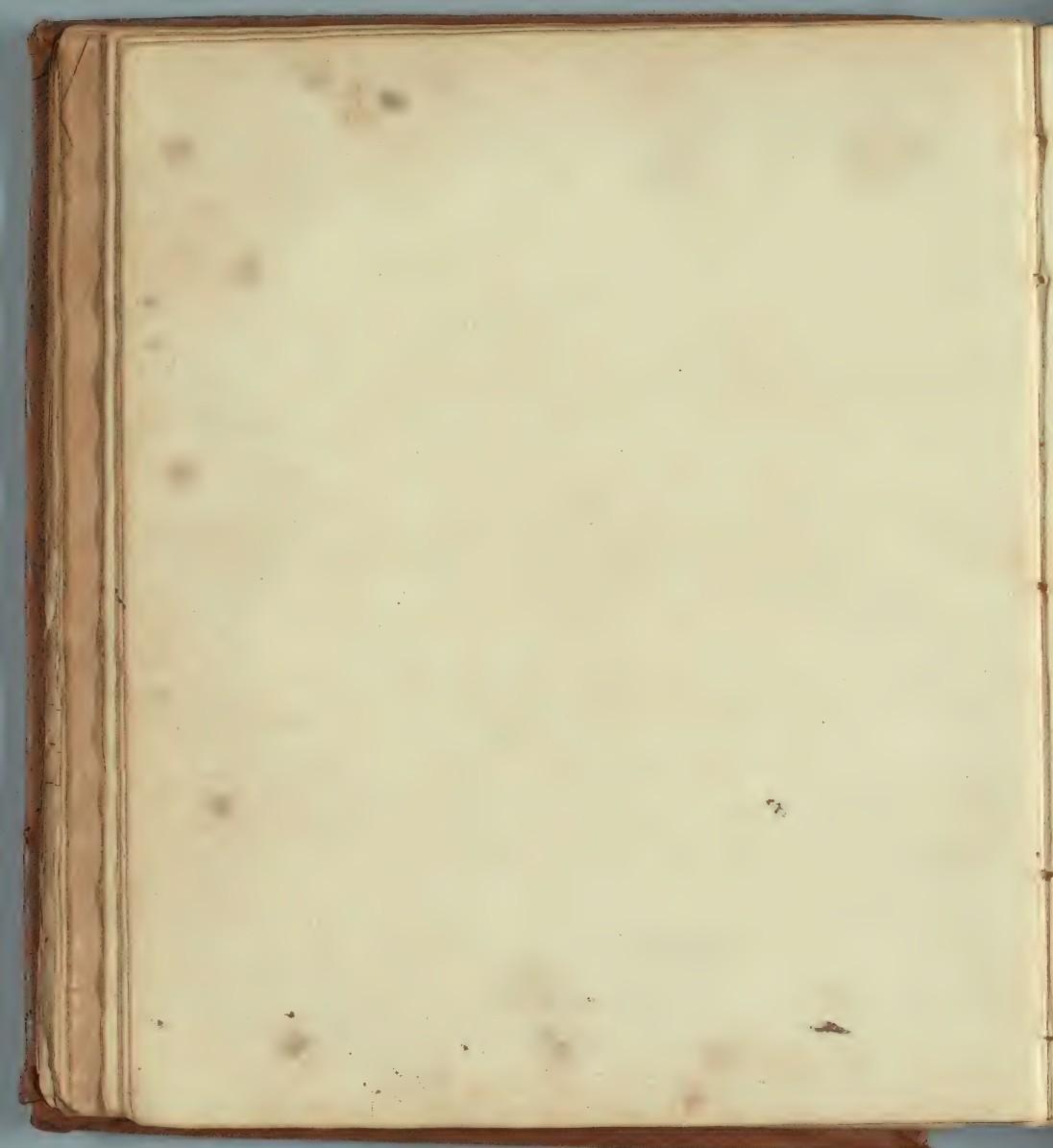
will answer - and some case-neens & good broad
cloths - Button & chees in good order but our
common american cheese - but button of the best
kind - a voyage from america to Alicant
and from thence down to Havannah with a load
of there red wine would answer that market
quite as well as wine what ever the price
at the wine in Alicant from 26 to 28 dallas
the price -











Friday
Feb 14 -

The long time the NW wind has continued which has prevented me from sailing and seems as though there would be any other my self and a number of other american being now ready for sea this day we concluded to put to sea with the wind at NW accordingly at 1 pm came to sail with the following american vessels or masters - Capt Richard Gardner - Ship Capt John Benton Brig George Fletcher Capt Williams Brig

Capt Clements ship Sutton of Boston
Capt. Nick Briny & Capt Chapman
Ketch Newhaven front there being seven in number there being guns in the fleet soon after getting out of the bay of alicante saw a french frigate thirteen Briny of 18 guns 9 & 6 pounders and a large ship not knowing what the ship was and the weather being very moderate I thought best not to leave the land before we had a breeze at 9 pm took a breeze of the land and steered SSW till 12 o'clock after which hould too swby -

14th and
15th sea
account

at 7 am saw the French ship running down
before the wind at noon I have too far
from us as did the rest of the fleet after which
she soon gave over chase also a large
ship in the offing — winds moderate

Jettymy

Feb 16th
1794

Dist per Log 80 miles
Lat 36° 40' parallel

course	winds
	Moderate at noon cape Sadas bear WNW 8 Leagues distance from which the definition is taken Stand over for the wind of Barbary upon a wind east Gardner ship a little out with the astrea —
	allowing 4 points leeway and 2 point variation one for a strong westerly current which commonly set bear the ships course is so true —

A Journal from Alicante towards Salem

Sunday Feb 17th 1799

From the Mediterranean between
Alicante and Gibralter

H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
11	15	15	Courses		wind													
1	3	1	Nw		wbys													
2	3	1																
3	3	1																
4	3	1																
5	3	1																
6	3	1																
7	3																	
8	2	1																
9	2	1	NNW	-	west													
10	2	1	Nbyw	-	wbys													
11	2	1	Nbyw	-	wbys													
12	2		N	-	WNW													
1	2		SW	-	tucket													
2	2																	
3	3		SSW	-	west													
4	3																	
5	3																	
6	3																	
7	3	1																
8	3	1																
9	3																	
10	3																	
11	3																	
12	3																	

begins with tacking ship to the northward - could not see the Land of Barbaria notwithstanding it was not more than 7 or 8 leagues off by the Log the weather being very hazy and at night a heavy dense mistle. past 12 o'clock tacked to the southward - the weather clear but very damp - & wind very steady from the western board - gest after midday tacked ship to the northward we stand 12 hours on one tack and 12 on the other - of the current is very strong we are a losing ground but time will tell in it -

Lated ab. 38.43 North -

11 A Yacht from Alicante to Mallem

1

12 Monday Feb 18th

Remarks in the Mediterranean

11	15	W	Berries	wines
1	3	1	NW&N	WB&S
2	3.	1		
3	4	-	NW&N	
4	3			
5	3			
6	3			
7	3	-	NW&N	
8	3			
9	3			
10	3			
11	3			
12	3			
13	3			
14	2	1	NW	
15	2	1		
16	2	1	NW&N	
17	2	1		
18	2	1		
19	2	1		
20	2	1		
21	2	1		
22	2	1		
23	2	1		
24	2	1		
25	2	1		
26	2	1		
27	2	1		
28	3			
29	3			

Sea between Alicante & Gibel
yesterday after taking the sun took
Ship to the Northward
very moderate all night and a
very great dew falling all most
dark rain - at 7 am saw again
the signal being made. Capt
Rich gave chase and soon shot
with her she proved to be
a small bound to Alicante
at same time saw the land
bearing from NW to west -
at noon cape Tallas bore
WNW distance 4 Leagues -
soon after 12 o'clock saw two
ships standing out for us
from the land -

Latt^d 37° 34' Morth -
NW&N 71° true -

A Journal from a cruise to Salem

Tuesday 19th 1794

Beacones between beacon
and Gibenatton

4	1	K	4	H	Courses	Wind	Wbs
1	3				1 1/2 E		
2	2						
3	3						
4	3						
5	2						
6	2						
7	2.	1					
8	2						
9	2		1		5 1/2 W -		
10	2		1		16 E -		
11	2		1		NW -		
12	2		1				
1	2						
2	2						
3	2						
4	2						
5	1	1	1				
6	1						
7	2						
8	2						
9	2						
10	2						
11	2						
12	2						

at noon - cap. Parker took his watch off compass because
of the large error -

Pleasant and clear at Mendan all
the convoy took ship to the south
ward the night very greater
dew as it has been this several
nights past - at 12 o'clock at night
the convoy takes to the north
westward - at 8 am saw the land
several miles apart steaming to the
northward at 2 am east which
brought a Brig too he being
a neutral let him pass - The
Mediterranean full of those
dews and sweds - first after taking
the suns altitude the convoy
takes to the SW and as we
lay up first to upon ^{carthagene} knowing
there to be several
French privateers lay in that
but I thought it best to keep off
Total in 37.21 months

A Journal from Alcante to Gibralter

Wednesday Feb 20 1794

H	H	44	Courses	winds
1	2	-	SE	S-W
2	1	-	-	-
3	1	1	-	-
4	1	-	-	-
5	1	1	-	-
6	1	1	-	-
7	2	-	S E W -	-
8	2	1	-	-
9	3	-	SE -	SSW
10	3	-	-	-
11	3	-	west.	-
12	3	-	-	-
1	3	-	-	-
2	3	-	WSW	-
3	3	1	NW	-
4	3	1	-	-
5	3	-	-	-
6	3	-	-	-
7	3	-	NWWWS	-
8	3	-	right - to southward	-
9	3	-	SSW -	-
10	3	-	-	-
11	3	-	-	-
12	3	-	SW	-

Remarks between alcante
and Gibralter

Begins moderate pleasant
weather at 4 pm Capt. Clerke
not and Mr. Breadshaw and Capt.
Richard Gardner came on board
same time under short sail for
Capt. Barton to come up with
the convoy - at 10 pm took to
Ship to the north & westward
at 2 am reefed the top sail, &
hoisted top Gallant sails - at
8 am took to again to the south
ward - saw sail in shore
two in the offing, the latter
being natural the former I
could not determine -

at noon Capt. Hallas bore NW
per computed distance 33 miles
which is the difference lat
between this and the ship

Lasted Alg 37.01

A Journal from Alicante to Salou

Thursday Feb 21			Remarks between Alicante and Gobenaterr —
4 15	W	coffers	winds
1 3	1	south-	ws w
2 3	1		
3 3			
4 3			
5 3			
6 3			
7 2	1		
8 2	1		
9 3			
10 3		258	
11 3	-	www-	
12 3			
1 2	1		
2 2	1		
3 2	1	wwww	
4 2	1		
5 2	1	nwbwp	wbs
6 2	1		
7 2			
8 2		www -	sw
9 2			
10 2			
11 2			cong 554 W 12/
12 2			

L.t. B6°51' north —

A Gravner Log from St. Helens to Gibralter

Friday Feb 22nd 1794

11 KFT Cables	wind
1 2 1	NW -
2 2 1	WSW
3 2	
4 1	
5 1	
6 1	
7 1	
8 1	
9 cabin	
10	
11	
12	
13	
14 0 1	SW by W - NW
15 2 1	
16 3 1	
17 4	
18 5	
19 5 1	West -- ENE
20 6	
21 6 1	
22 6 1	

Remarks between St. Helens
and Gibralter ex

Begins with moderate wind
at 9 pm dead calm at 2 AM
took a light breeze from the
N & set ~~the~~ studding sails
the wind keep increasing at
10 am Capt Rich came on
opened to take the tow rope
from and tow Capt Manton
as he said so much faster than
any other ship in the convoy
I accordingly cast him off after
he soon towed him a head of
me - wind very fresh all sail
set - abt 36° 29' which
is 0.28 miles to mouth of the R.
of Alboran - and 13.10 mouth of
Gibralter - I come up with
the ship a head - first after 12
o'clock saw the Land Cape de gatt

Logments From Alcante to Salem

Saturday Feb 28th

Hrs	Mts	Courses	winds
17		W 4 N -	E N E
20 7			
3 7			
4 7			
5 7			
6 7			
7 7			
8 6			
9 5			
10 5			
11 5			
12 5			
1 5			
2 6			
3 6			
4 6			
5 6			
6 6			
7 6		W 6 N -	8 8 8
8 6			
9 5	9		
11 5	7		
11 3	7		
10 5	5		

Remarks between Alcante
and Gibraltar

Began with fresh breeze
and clear weather kept
making and taking in sail
the most part of the night
at 11 pm I was very much
misaken & took Capt Chapman
for a strange ship he
run out of sight to the north
ward after came into the fleet
bearing to the southwest
the remainder of the fleet
being a head and I did not
observe the number of them
until we was ready to pass
him a shot - at 10 Capt Chapman
now and fresh left the
fleet and set off astern
Gibraltar -

Lodged at 11 36 M

St. John's Bay Lat. 61° 4' S. long. 161° 4' W.

Sunday Feb 24th 1869

Remarks between

Alcantara & Gibralter

Begins moderate at 1 pm saw
two long & running down for Gibraltar
at 6 pm saw outer point bearing

Weymouth 9 or 10 Leagues distance

at 2 am entered the gut of Gib-

Capt Clements had a gentle

mind to go into gibraltar but
when he found that I was deter-
mined to come through the

Gut he came with me

but this was not until

after I had bid him good
bye - at 7 AM entered

the gut from which the

Departure is taken or about

of Cape Spantel bore south

11 miles - stiff gales clear

under double reef main

& close reef fore top sail

and fore sail took in six

several times for Capt

Morton to come up

		R	corps	wind	recurrence
1	4	1	NNE	SSW	
2	4	1			
3	4	1			
4	4	1			
5	4	1			
6	4	1			
7	4	1	WNW		
8	4	1			
9	4	1			
10	4	1			
11	5				
12	5				
1	4	1	west		
2	4	1			
3	6	1	WWS		
4	7				
5	6	1			
6	6	1			
7	6	1	--		
8	6	1			
9	7				
10	6		west		
11	7				
12	6				

corr	dist	sd	sd	lat	dist	sd	long
N 84° 40'	4	38	33.38	38.44	47	6.34 W	

Observed meridian alt to be
44.33 L Limb - declin 9.20 south
whence latit 35.55 north -

Longitude from the taking
Departure at 7 AM - 6.34

A younger man presents to Helen

Monday Feb 15th 1844

Remember between Gibralter
20 miles 62°

Resumed @ meridian ab to
be $46^{\circ}43'$ - declin $8^{\circ}58'$ &
whence the Latit'd $35^{\circ}17'$

Longitude in her Log from
the Land is 9° 24' west -

Begins with very stiff breeze
and clear - under double reefed tops
sail - at 10 a little more moderate
at 11 shortened sail for Capt Benton
to come up to bid him good bye
as he said so very dull I could
not think of keeping company
with him at 10 Capt Hopper and
Williams made all sail and part
ed the convoy - at 12 set streamin
sails wishing Benton a good passage
he answered that he could not
expect me to wait for him he
only wished me when I arrived

to tell Mr. Derby to send on
Letters to New York as he did
not know but he should go
in there - at 6 am saw
Hooper and Williams at 10th Regt
bore new

Speciation at Points

21st March, from Alicante to Gibl.

Tuesday Feb 26th 1799

Remarks between Gibl. & Malibros -

Fl. 1. Fl. 2. winds w. occurrence,

3 3	Wlys - Ely N		
3 3			
7 3			
7 3			
6 3			
6 3			
5 2			
5 1			
8 2			
9 3			
9 1			
10 4			
11 3			
12 1			
12 1	variable		
1 2			
2 1			
3 3			
4 4			
4 4			
5 1			
6 1			
7 2			
7 3			
9 2			
10 3			
11 2			
12 2			
12 2	variable		

at 7 took a very
hard squall from
the eastward the
wind very variable -

Decres	dist	set	Lat	W.L.	set	long in per-
10060	177 43 64	34 17 34 28	1:18	10:42 u		

Observed on astd to be 46° 56'

1 Limb - Declin 8:35 south
whence Latit is 34° 17' North

Longitude per Log - 10:42 u -

Moderate breeze and large
Sea all set at 6 pm the wind
took the ship a back with flying
sails set on both sides slow and
a light - after which the wind
was very equally and variable
at 1 am to 10:30 every hard squall
from the eastward which obliged
one to let go the top sail
sheets and keep the ship before
the wind this several other
squalls was of but short duration
latter part moderate but
a very large crop sea run-
ning the wind flying round
but generally keep upon a
Wlys course per compass -

Variation 2 points westly)

At 4 p.m. from Alcantara to Sibari -

Wednesday Feb 27th 1797

Remarks between G. Bratton
and Masterias -

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 8010 | 8011 | 8012 | 8013 | 8014 | 8015 | 8016 | 8017 | 8018 | 8019 | 8020 | 8021 | 8022 | 8023 | 8024 | 8025 | 8026 | 8027 | 8028 | 8029 | 8030 | 8031 | 8032 | 8033 | 8034 | 8035 | 8036 | 8037 | 8038 | 8039 | 8040 | 8041 | 8042 | 8043 | 8044 | 8045 | 8046 | 8047 | 8048 | 8049 | 8050 | 8051 | 8052 | 8053 | 8054 | 8055 | 8056 | 8057 | 8058 | 8059 | 8060 | 8061 | 8062 | 8063 | 8064 | 8065 | 8066 | 8067 | 8068 | 8069 | 8070 | 8071 | 8072 | 8073 | 8074 | 8075 | 8076 | 8077 | 8078 | 8079 | 8080 | 8081 | 8082 | 8083 | 8084 | 8085 | 8086 | 8087 | 8088 | 8089 | 8090 | 8091 | 8092 | 8093 | 8094 | 8095 | 8096 | 8097 | 8098 | 8099 | 80100 | 80101 | 80102 | 80103 | 80104 | 80105 | 80106 | 80107 | 80108 | 80109 | 80110 | 80111 | 80112 | 80113 | 80114 | 80115 | 80116 | 80117 | 80118 | 80119 | 80120 | 80121 | 80122 | 80123 | 80124 | 80125 | 80126 | 80127 | 80128 | 80129 | 80130 | 80131 | 80132 | 80133 | 80134 | 80135 | 80136 | 80137 | 80138 | 80139 | 80140 | 80141 | 80142 | 80143 | 80144 | 80145 | 80146 | 80147 | 80148 | 80149 | 80150 | 80151 | 80152 | 80153 | 80154 | 80155 | 80156 | 80157 | 80158 | 80159 | 80160 | 80161 | 80162 | 80163 | 80164 | 80165 | 80166 | 80167 | 80168 | 80169 | 80170 | 80171 | 80172 | 80173 | 80174 | 80175 | 80176 | 80177 | 80178 | 80179 | 80180 | 80181 | 80182 | 80183 | 80184 | 80185 | 80186 | 80187 | 80188 | 80189 | 80190 | 80191 | 80192 | 80193 | 80194 | 80195 | 80196 | 80197 | 80198 | 80199 | 80200 | 80201 | 80202 | 80203 | 80204 | 80205 | 80206 | 80207 | 80208 | 80209 | 80210 | 80211 | 80212 | 80213 | 80214 | 80215 | 80216 | 80217 | 80218 | 80219 | 80220 | 80221 | 80222 | 80223 | 80224 | 80225 | 80226 | 80227 | 80228 | 80229 | 80230 | 80231 | 80232 | 80233 | 80234 | 80235 | 80236 | 80237 | 80238 | 80239 | 80240 | 80241 | 80242 | 80243 | 80244 | 80245 | 80246 | 80247 | 80248 | 80249 | 80250 | 80251 | 80252 | 80253 | 80254 | 80255 | 80256 | 80257 | 80258 | 80259 | 80260 | 80261 | 80262 | 80263 | 80264 | 80265 | 80266 | 80267 | 80268 | 80269 | 80270 | 80271 | 80272 | 80273 | 80274 | 80275 | 80276 | 80277 | 80278 | 80279 | 80280 | 80281 | 80282 | 80283 | 80284 | 80285 | 80286 | 80287 | 80288 | 80289 | 80290 | 80291 | 80292 | 80293 | 80294 | 80295 | 80296 | 80297 | 80298 | 80299 | 80300 | 80301 | 80302 | 80303 | 80304 | 80305 | 80306 | 80307 | 80308 | 80309 | 80310 | 80311 | 80312 | 80313 | 80314 | 80315 | 80316 | 80317 | 80318 | 80319 | 80320 | 80321 | 80322 | 80323 | 80324 | 80325 | 80326 | 80327 | 80328 | 80329 | 80330 | 80331 | 80332 | 80333 | 80334 | 80335 | 80336 | 80337 | 80338 | 80339 | 80340 | 80341 | 80342 | 80343 | 80344 | 80345 | 80346 | 80347 | 80348 | 80349 | 80350 | 80351 | 80352 | 80353 | 80354 | 80355 | 80356 | 80357 | 80358 | 80359 | 80360 | 80361 | 80362 | 80363 | 80364 | 80365 | 80366 | 80367 | 80368 | 80369 | 80370 | 80371 | 80372 | 80373 | 80374 | 80375 | 80376 | 80377 | 80378 | 80379 | 80380 | 80381 | 80382 | 80383 | 80384 | 80385 | 80386 | 80387 | 80388 | 80389 | 80390 | 80391 | 80392 | 80393 | 80394 | 80395 | 80396 | 80397 | 80398 | 80399 | 80400 | 80401 | 80402 | 80403 | 80404 | 80405 | 80406 | 80407 | 80408 | 80409 | 80410 | 80411 | 80412 | 80413 | 80414 | 80415 | 80416 | 80417 | 80418 | 80419 | 80420 | 80421 | 80422 | 80423 | 80424 | 80425 | 80426 | 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— A Comonial from Attawo to Salem —

Thursday Feb 28th 1799

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Begins with pleasant
weather a large sea from
the southward Eastward
all sail set williams and
Hooper a stern -

at 8 pm cloudy very in
student said - it dry

Light steamer & Williams
not to be seen from the
most head - at 10 am saw
two sails to Lewes & appre-
- ed to be them -

lest be gone in cold
the weather very moderate which has been the
case this several days -
and then come up again

Observed the American
altitude to be 19° 34' declin.
7° 30' south whence the Lat
is 32° 24' north —

Longitude is 84° 10' W

A Journal from Mincie to Salina

Tuesday March 1st 1794

11	12	1/5	Corr for	wind	$\frac{1}{4}$	course
1	5			west	168	0
2	5					
3	4					
4	6					
5	5					
6	5					
7	4					
8	4					
9	4					
10	3					
11	2					
12	1					
1	2			wbs		
2	2					
3	2	1	WSW	WW -	1	
4	2					
5	2	1				
6	2	1				
7	3			SW	1	
8	3					
9	3					
10	3					
11	3			SSW - west	1	WSW - west before 12 o'clock at night very moderate. and soon after the wind came to the westward I observed it lighter in that quarter also to be 50 or 46 Lm before the wind came a declination 7.27 minutes at meridian and a strange whence the Lat 31.35
12	3					
Corr	8.1	20.8	10.0	last	9.13	al in
now	73	48.16	31.38	31.36	1.6	15.16

Observed the meridian also to be 50 or 46 Lm before the wind came a declination 7.27 minutes at meridian and a strange whence the Lat 31.35

Remarks between Gilbritter and Madras

Begins with moderate breeze from the SSW Gavery Large crops sea one from the west and another from southward The convoy all passed Mamm & Hooper went off the night before last so that there is none remaining but the ship Sutton which is the only one that any dependence could be put in - West before 12 o'clock at night very moderate. and soon after the wind came to the westward I observed

Longitude 45.16 W

A Journal from Alton to Salem

Saturday March 2 1799

Remarks between
Gibraltar & Madras

4	15	hrs	cos	wind	occurred
1	3		SS.W.	west	1
2	3				
3	3	-	SW. & W.		
4	3				
5	2	1			
6	2	1			
7	2	1			
8	2	1			
9	2	-	southw.	variable	
10	2				
11	2	-	wso		1
12	2				
1	3				
2	3		wls	NW. 8	1
3	3				
4	3		wls		
5	3	1			
6	3	1			
7	4	1			
8	4	1	west	N	0
9	4	1			
10	3				
11	3				
12	4				

Begins with pleasant w.
wind from southly at 9
pm the wind begins to
hail northw. —
at pm saw a sail from
the Mart Head —

Latter part the wind
about north and very
pleasant set the flying
gibb and every sail
that could be sat —

cos	dis	sd	dist	lat	dist	longit
32.94	62	54.30	32.38	30.40	36	15.52

Observed the meridian
altit to be 52° N - declination
7.4 south - whence latit is
30.33 north —

Longitude by DR. 15.5°

Position allowed $13\frac{3}{4}$ W

A Giornale intitollante lo Stato

Sunday March 3rd

Remarks between Gibrester
and Mademoiselle

Begins with pleasant weather
at 4 pm saw Goat Is. bearing
NW & League distance at 8 pm
it bore south 4 Leagues from
which I take a new departure
although it will make but
a very little difference in
my longitude — Capt.
Clements said he saw a few
he passed the island but
I saw nothing — at 10 pm
Capt. Clements & Mr. Brewster
now came on board the
airmen and dined on board

Observed on altitudes
53° 12' L limb - declin
6:41 south - whence the
latit 29° 48' North -

Longitude in from taking
a depth line from east
Island at 9 pm - W. 73° W

A Voyage from Alcante to Salern -

Monday, March 4th 1799

Remarks between Gibraltar
and the western Islands -

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
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321	322	323	324	325	326	327	328	329	330
331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370
371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430
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451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500

A Summary from Accounts to Salem — 8

Tuesday March 6- 1794

Remarks between the
Canaries islands & Bermudas

Begins with a fine breeze
and clear weather - The
wind at about north - at 5 am
the veered at NNE and NE and
increased to a very fresh, hole
sail breeze. in this breeze
we sail near or quite as
fast as the Sutton -
at 7 pm observed the compass
to determine the variation
found it to be 16.11 west -

the ship makes more out
ing her observations than
her Log which has been
the case this several
days —

Concluded the compass
to be 56.16° East - or
Inclination 3.53° South when
the Latt^d is 27.37 North.

Lerry in Ukraine

variations across the

A Grumman Forest Albatross to Salem from 9-18
from a - 20

Wednesday March 6 1784

11/15/14		Baptized since Aug - No	Performance
1	7	1	
2	7	1	
3	7	1	
4	7	1	
5	7	1	
6	7	1	
7	7	west - 8mo	
8	7		
9	7		
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Observed on altitude to be
58° 05' L Limb & Declin 5° 39'
South - whenever the fort is in
26° N South -

Long by Dr. 24. M. A.

Berm^{as} between Canaries
and Bermudas

I begin with every fresh
breeze at 116 and flying
cloudy weather all sail set
at 2 pm in top gallant stud-
ding sails at 6 in middle
Stay sail and main top
gallant royal & lower studim
Shew a light the most
part of the night for my
consent the ship Sutton
Cotts Clancor he keep farther
off the last night then
ever he has done before
as soon the weather clear
but the breeze continues
fresh set a royal & lower
studding sail - I allow for
the ship following off
from her coes 16 miles
more souther than her
courses -

Mr Gouraud from Alisante to Selon from 9th Feby 11
from 10th Feby 12

Thursday March 7th 1799

11	15	47	Corps	units	2 w	columns
1	6	7	west	178		
2	6	1	by N			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13	6	1		828		
14	6	1				
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Floristic relations between Canaries
and Bermudas Islands -

Begins with pleasant w.
and very fresh breeze
at 6 pm in flying sails
and royals — at 6 am
unbent the new main sail
and bent the old one —

I find by observation that
the ship makes more
southerly than her log
owing it must be to
a very strong current
setting to the southwest
or SW which afford 18 miles
upon a SSW course -

observed the meridian
to be $59^{\circ}16'$ - declination
 $6^{\circ}7'$ south whence
the Latit is $25^{\circ}28'$ north.

Long 88° 27' 30" w

var 1st westately

279411 N 7744 E Granite to Salom Job 12 days
Tuesday March 8th 1908 Remarks between

Tuesday March 8th 1794

H.A. 11 ^h		Confer	wind w Recurr.
1	7		
2	5		
3	6	1	
4	6	1	
5	9	1	
6	8		EAST
7	6	1	
8	5		
9	6	1	
10	6	1	
11	7		N.E.
12	7		
1	7	1	E
2	8		
3	8		
4	7		
5	7		
6	7		
7	7		SSE
8	7		
9	7		
10	6	1	
11	7		
12	7		
em 811 ad 821 ad		Int 1st	Int 1st
W.E.S.	16.7	16	16.6
	25.4	25.9	25.3
	30.3	33	

Resolved the suns alt. to
be 80° L limb & decl. 4° 44'
truth whence the lat.
is 25° 4' north or

Longby 883 30:33

Remarks between
Canaries & Bermudas &c
Begins with stiff breeze
and flying cloudy weather
at 6 pm no top Gallant
Shuddling and royal
out of the wind hauled w.
118 m for top and lower
Shuddlings soon after
set them again the
wind has been very
fright and very large
seen this several days.

There has been a
very strong current
setting to the south
ward - notwithstanding
I went to the ship. half
a point more southerly
then her course & even
when allowed yet she made
nothing.

A. GOODMAN from Atlantic to Africa, 17 days from 1st
March 1855 to March 23.

Saturday March 9th 1855 Remarks between Consunes

Time	Courses	Winds	Weather	Occurrs
1 6	Westerly	East		
2 6				
3 6				
4 6				
5 6				
6 6	1			
7 6	1			
8 6				
9 6	1	wire	Cloudy	
10 6	1			
11 6				
12 6				
1 6				
2 6				
3 6				
4 6				
5 6				
6 6				
7 6	1			
8 6				
9 6				
10 6				
11 6				
12 6				

Cost	Cm ²	el	8 ^o	Set	hrs	Cost	el	Longitude
west 147.00	147.00	25.01	25.9	25.42	33.18			

Begins with fresh breezes and cloudy and very cold weather for this latitude. There were several times in the course of the night for the ship Sultan which she answered often as needed in those fresh breezes the Sultan set all sail but her top gallant studding sails keeping those sails in we are very good company keepers —

We reduced the sun's altitude to be 60.27 2 hours & declination 4.20° S whence the lat is 25.01 N & the

Longitude DR 33.18 W

at Greenwich observed & reduced to Declin. ^{Lat. 14°}
about 24° Longit. ^{Long. 35° 22' W.}

Sunday March 10th 1799

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Remarks between the

Canaries & Bermudas

Begins with a fine sky

and clear weather all sail

set on the main mast and

all sail in other parts of the

ship were it would draw

The bottom inclining

off at night shew a light

but no answer - at

day light she was 6 or 8

miles in the road with all

sail set making the

best of her way

This day saw Gulf

Weed floating on

the water

Long in DR - 35° 22' W

At You sail from Alicante to Salam ^{Gib. 15 days from}
Sunday March 11th 1799

Remarks between the Canaries
and Bermudas etc.

HK	HS	Courses	wind	2	occurred
1 0					
2 2					
3 4	1				
4 4	1				
5 4	1				
6 4					
7 3					
8 4	1				
9 4	1				
10 4					
11 3					
12 6					
1 6	1				
2 6	1				
3 6	1				
4 6	1				
5 6	1				
6 6	1				
7 6					
8 6					
9 6					
10 6					
11 6					
12 6					

Precient weather at 5 pm
the Sultan could but just be
seen from the top gallant
yard bearing NNE per compy
I dont expect to see any more
of him this voyage —

at 11 am observed the distance
between the OC & Nominis
the Longitude viz —

dist	out	dist	on	dist	on
54.19.	58.40	29.00	Out	58.32	
20	8.41	41	Out	3.34	
54.19.30	58.12	29.10	Dist	29.05	
on 1.30			Dist		
54.52.6	58.32	29.00	Dist agree with		
			dist	53.34.42	
				54.43.10	

Moon hor par - 45° 25'

Time London - 13:37:30

Time Nth - 11:06:16

231.74 at 11 am

which is indegrees at 11 reck
37.48 and at noon 37.51 W

This observation only differs
only 4 miles from the
true reckoning by log

Course Nrd 8.0
dist 133.6
Lat 25.6
Long 37.44

Observed the & Willars
to be E. 10° Third Declin
38.3 west whence the
Latitude is 25.05 Merid.

Longitude OA taken
at 11 am - 37.53 W

A journal from Accurate to the 16th day from
the 26th Feb to the 26th Mar 1799

Tuesday March 12th 1799

11K	Hi	Cors	wind	Occurrance
1	3	May 1 st	8 th	
2	3			
3	3			
4	3			
5	3			
6	3			
7	3			
8	3			
9	5			
10	5			
11	6			
12	6			

Remarks between the

the Canaries & Benares islands
Present clear weather
and a fine breeze &
all sail set - - -

Saw a greater number
of Long Flying fish

13	6					
14	6					
15	6					
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A Journal from Atticute to Salem J^{an} 1st 1773 by from
a 27th

Wednesday March 13th

4	K.	11	Cold & windy	Cloudy
5	1	Windy East	at 6 am a west wind at sun rise	
2	1	to	at sun down at 10 PM	
3	3	68° E	South East South West	
4	5	and	South East South West	
5	5	67° N	South East South West	
6	3	67° N	South East South West	
7	4	1		
8	7			
9	4			
10	4	1		
11	5			
12	5			
13	7			
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11	5	</		

A telegram from Léonard to Brown ^{Feb 18} { sent from
^{abc 28}

Feb 18 { days from
Feb 28

Thursday March 14th 1899

Remarks between the

			11. Confer	mined	2	w Recurrence
1	1	2	240	635		
2	1	3				
3	1	4				
4	1	5				
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Canaries & Bermuda Islands
Began with present
weather. Alternately variable
with small rain at 6 pm.
Lost sight of the island men-
tioned a head - a day ago at
quantity of gulf weed there
fine suppose. I am not
far to the southward of
the calms as the wind has
been very variable and
less had every appearance
of being near a calm
for which reason I had
a little more to the
southward and soon took
a first steady breeze

43 hours motion 25.21 south -
science lat. 25.42 North

Longitude by best Lunar observations OR 44.35 degrees

A Journal from St. Vincent April 19th 1779 (day from)

Friday March 15th 1779

Remarks between the Canaries
and Bermudas Islands —

H	h	W	early	pm	occurred
9	6	/	W 68°	East	
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A Journal from Guanabara Bay to Rio Janeiro
Globe 20° by 30°

Saturday Morn. 1. 16th 1777

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12	W. 6° N.	3	west
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At German Freight Office to whom you will be 31 days

H	K	15	Crop	wind	W	Year
1	4	1	Mayo	East		
6	4			SW		
3	6			SW		
4	3			SW		
5	5			SW		
6	6			SW		
7	5			SW		
8	5			SW		
9	5			SW		
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10	3	1				
11	3	1				
12	3	1				
Total		Total	15	15	15	15
40		125	30	25	24.302	18.540

91-10

Received the ammonium
nitrate 66.75 lbm - 30c
Labeled 11-10 south - where
the last dir 2.803 Herk

Entered Oct 6 A. D. 1871. 11:30

From between the Canaries
and Bermudas Islands
Pharosot weather Oct 8:46 &
had a lunar observation to
determine the longitude which
made it $44^{\circ} 34' 0''$ and at
 $7^{\text{h}} 12^{\text{m}} 24^{\text{s}}$ took another which
made it $29^{\circ} 8' 0''$ These
observations to bring them
forward to this noon must
have 1.51 miles added to each
of them the mean is at noon
 $16^{\circ} 52'$ the greatest difference
which there is between
those last observations and
the last but one is
owing to the moon being
nigh over land.

At Yarmouth Broad Bay date 10th March 1791 Lat 36° 22'

Monday March 18th 1791 from between Cansel

11	11	cong	wind	at sun	and	Bermuda Islands
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A Journal from Merchant to Solent 7th 23rd 1777
Age 33

Saturday March 19th 1777 ROMANES between Canaries

1	Kts	Wards	Wind	Weather	And Boninular Islands
2	6	1	SW	Cloudy	ESE
3	6	1			
4	6	1			
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9	6	1			
10	7				
11	7				
12	7				
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Left over
course or
wind & gun
turning
over board
& which or two long
tides — At 11 AM sighted
four sail of vessels two

by the light supposed them to be an
fleet — Sun by the
English convoy from
Naples along
the west Indian half a

part of them some
gun supposed to be

Abrauado mercurial all Spanish guns

to be at 36° 2' latitude

Latitude our own 27° when

at the latit 27° 25.50'

Longitude 00° 57.20

Lat	Long	Lat	Long
36° 2'	27° 25.50'	27° 2'	00° 57.20
27° 2'	00° 57.20	27° 2'	00° 57.20

A journal from Atlantic to S. Amer. 9.6.24 (day)
Jan 34

Wednesday March 20th 1844 from Between Guanape

to K. & H. Islands winds w. occur & and Bermudas Islands

1 6 1 88
2 6 1 88

- NNE - with

good tail weather wind at 88.
standing to NNE
the more
long

1 7 1 88

- NNE

- west 1 88.

Begins with cloudy

at 6 pm saw a long &
standing to the northeast

after the weather
came on very squally

attended with rain &
thunder & lightning &

a very long sea from
the westward

at 10 saw
the land
NNE

under reef topsails the
most part of the night

a greater deal of rain

presented off the E. N. E. 26.21 long
160° 87 31 51 26.21 26.21 1.20 59.00

Varied a great deal with alternately -

to be 63.28 - 51.16 &c at noon saw on the
line a N. North W. while standing to the
west the latter is 26.21 N. 87.88 -

Indicates in 0.2 53.30

A Journal from Boston to Salem 38

Thursday March 21st

4 h 10 mts wind WNW
 1 1/2 160° East
 2 1/2
 4 1/2
 5 1/2 NW - 80° E
 6 1
 7 1/2
 8 1/2
 9 1/2
 10 1/2
 11 1/2
 12
 1 1/2
 2 1/2
 3 1/2
 4 1/2
 5 1/2
 6 1/2
 7 1/2
 8 1/2
 9 1/2
 10 1/2

comptd	dist	hrs	at	left
dist	10	10	26	Temp
Visd	21	42	53	27.19 Vol 60.00

obtained sun meridian
 at the 61.58 A.M. & 6
 estimators 0.25 months
 whence the lost is 27.18

Longitude 69.50

West between Canaries

& Bermudas where

Began with very light
 winds and cloudy with
 rain and large sea running
 from the westward
 with every appearance of
 a gale of wind not being
 far distant from us
 as we have had occasion
 to make this large ex-
 ec. from the west
 bound - but the sun
 crossing the line pro-
 bably will be the best
 for wind that we can
 come to

of graver from Miami to San ^{Feb 26} the 36

Friday March 22nd 1799 from between Curries

HH	Hi	Cards	which occur?	in Bermudas Islands
13		NW -	886	
18				Began very pleasurable
13				Poor weather and
13	1			a large swell from
63	1			the eastward - .
34	1			
16				
17				
14	1			
14				
34				
43				
53	1			
63	1			
24				
24				
93	1 - NW	-		
103	7			
113	7			
163	7			

ans	out	21	Set	out	long
		8"	abs	ON	20 m.
142.89	66.54	28.23.88.21.17.61.87			

Observed the sun's meridian
alt to be 62.14° Limb &
declination 0.44° North,
whence height is 28.23°

Longitude 00.60.^o

4 miles SSW distance 10.3 fms. alt 57°

Tuesday March 23rd

From between Curacao
and Bonaire

11.4 miles wind w over

12.1 N.W. - 18°

13.1

14.1

15.1

16.1

17.1

18.1

19.1

20.1

21.1

22.1

23.1

24.1

25.1

26.1

27.1

28.1

29.1

Wester

on or 21st ab 17th 18th 19th 20th 21st 22nd
130.79 82.43 94.6 95.49 61.56

Obs sun altitudin
abitude 62.842

Limb edge 11.8 north
when ab 130.79 94.6 95.49

Latitude 40.86146

Begins with Pleasantwood
at 11.4 miles saw a big
head she had the appear-
ance of a pectoral as she
hauled right for us at 11.
gave her a gun he stood
a long a good full at the
fire another gun and
came away finding he
fished very fast. She
was a black-throated with
a white button with
a new main spine
bill.

31 June 1788 from S. L. to Salem July 28
July 24 1788

Run between Canaries & Bermudas Islands				
11 1	the gale	wins	prevs	
13	north	SW	at first	
3			the pitch	
3			got fighting	
4			John Tripes	
3			anxious	
9			Banged	
14			the latter	
1			was gone	
6			much later	
18			and in the	
11			Presently	
6			Mr Hunt neapt the top sail &	
11			and we came	
6			to the great hundred top gallant sail	
1			Same w/	
7			the former	
4			at 5 the wind came to	
8			at the time the northwain - it	
4			was indeed	
8			and they were half past 5 saw a shower	
4			down foreward	
7			I never	
5			standing to the bow	
10			I knew most liable neapt the	
3			the westward	
11			for me man top sail	
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At you will from Nicante to Leibniz § 29 (Aug.
139)

Monday March 25th

Observed sun meridian
still take with a limb &
sector 2000 north whence
the limb 21.33 north

Large individuals were seen at the
Prairie River April 28th

Nom between Canaries &
Bermudas Islands

Began with stiff gales
and cloudy weather - at 7 am
unbent the boom wires &
bent the storm wires -
that night up main into
gallant yard - at 6 am at
the quay - minute
and cloudy - all this day
there has been very hard
heat 200° - at 3 pm
broke the Lee gun -
Wain back -

2 specimens from Shantou, China, July - 20

Wardlow March 26th 1999

Remarks between Cenm and Bermudas Islands

1st		2nd		3rd		4th		5th		6th		7th		8th		9th		10th		11th		12th		13th		14th		15th		16th		17th		18th		19th		20th		21st		22nd		23rd		24th		25th		26th		27th		28th		29th		30th		31st	
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Begin with light
wind, and cloudy weather
at 11 at night took the
Ship away always and from
that the wind was not to
end the Lecture of three
nights before day light

as the weather was very
cloudy all though over
one degree to the west
ward of it - at day light
ould see a few low
nothing of the Island.
before noon when the
wind met us southward
but moderate.

cos	sin	\tan	cosec	sec	cotan
0.8776	0.4799	1.837	2.089	1.139	0.544
0.8770	0.4800	1.836	2.089	1.139	0.544

obtained the astronomical
obs. 37.28 - I find -
distant 2.4 months whence
the Latit is 2.4 months -

Longitude by 00-63-09 u

Aogramma from Acosta to him Feb 31
ali 44

Clear but blowing very
hard - and a very large
sea running.

Latitude by sun from
the last set - 66° 14'

Journal from Biscay to Lisbon. file 32

Thursday March 25th 1789 From between Bermudas

11	Westerly wind westerly	
12	SW- SW	
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17	NE	
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19	NW	
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*Almanac from Recane taken Jan 31
alt 43*

Friday March 29

Bem between Bermudas

ali 43

4/2 Th. early wind ²
1 3 9 tenth year

and America —

Begins hand gales - with close
neep fore and m top set &
fore sail main & mizen stay-
sail at 2 pm hand top
sails & down fore top star
Stay's sail. it blurring a
very hand gale - it was
more moderate. set top
sails at so clear - observe
the distance between the
sun and moon & determine
the longitude viz -

Order	Count	Duration	Species	Length
43.54	18.78	74:44.0	Derm	58.88
44.48	17.40	50:	Bew	58.49
44.77	18.06	74:44.30		63.57
	2.0	36.30		
44.83	17.44	53:21.00	Derm	52.32
				24.19

				in	lit	lit	lit	long
(cont)	dist	x6	to obs.	88	x6	in		
1408	73	40	34	36.23	36.36	43	64.44	

Ery. distans

24.40.44

Zinnia lindheimeri

4.14.20

Two ships -

9:43:12

Thymelicus lineola 4:37:8

Length in dyne) 67.13

Reversed the sun's
meridian orbit to be 58.5°
Lat - Sun's declin 22° 34'
North - whence lat is
36° 23' North.

Longitude $^{\circ}$ 64:34

24 hours from St. Eustatius to Barbadoes July 34
Sunday, March 30th 1784 From between Barbadoes

11	Latitude	wind & current, N. & S. America
12	NbyW	
13	1	
14		
15		
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A garment from Sciente to Kilim ^{916 34}
July 45

Sunday March 31st 1749

Remitt between Bonn and

		Per cent	Wet weight	Volume
1	1			
2	3			
3	3	1		
4	4	1		
5	4	1		
C	4	1		
6	4	1		
7	4	1		
8	calm			
9	1	1		
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11	3	1		
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12	3	1		
13	3	1		
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15	5			
16	6			
17	6			
18	6			
19	6	1	worth	sw
20	6	1		
21	6	1		
22	6	1		

row	Est	at	②	Last	Last	Ring
	St.	St.		days	81%	at
counts	108	108	00	39	81	34.43
				102		64.34

Received the C.M. etc.

See 5th & 18 L. - Declin.

421 north, Avenue

the latter in 39.51 N

Long CCA 31st 1843

~~20 May 1960~~

and America
very hazy at 8 a.m. at 1-
am sharp lightning -
over clear over head - at 4
a.m. observed the distance
between 2 antees to determine
the length of the

Time	amt	amt	dist #	for \$5.66
5:4:30	22.04	9:42	70.00	for 5.66
5:4:30		70	Ko 4	dist 47.1
5:3:10	22.4	9:36	64.81.36	9: 69.12.17
				50.43.51

Our distance	67° 35'.22
Time London	9:14:20
Time ship	8:03:10
Difference men ^o	4.52'10
Long in degrees	70.32 w

Time	Out	Out	Out	Out	Out
8:52:50	34:47	29:48	52:19		out gun
54:40	35:06		52:19		bar 55:5
			52:19		down 55:6
8:13:48	34:58	29:48	52:5:39	7:38:5:15	
1:20			51:23		51:34:8
8:52:50	34:50		51:39:49		

Constance 52' 20' 47

Time Lancer 13:20:04
Time Miss 8:12:25

Chopper menidians 4. 27:30

long antennae — ♂ 5.12

March 30 - 69.55

March 31 - 0*2 - 68.43

mean - 69.29

At Government from Philibert to whom Gib - 16
the 46

Saturday April 7th 1779

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Remarks between
Bermuda & Hispaniola

Began fine breeze and
hazy weather at 6 pm
Spoke a Brig from Leith
in Scotland 22 days out bound
to Baltimore - at 9 pm crossed
away the main top gallant
mast before the foggy
in the forenoon
one. After getting this
wind down and sent the fore
top gallant mast up
and one of the other top
gallants down
until 2 pm at 2 soundings
in 33 fathoms water in
the South Channel
and very foggy

Angles made by the mean
of the last set of lunan obser-
vation brought on to this
noon Oct - taken 37° 07' 28" u

2 A.M. went from Bequia to St. Lucia Feb 21st day from

Sunday April 2nd 1799

11 A.M. course wind & current

1	2	EVE - N	2
3	2	N 86° E	
4	2		
5	2		
6	2		
7	2	6 by S.	
8	2		
9	2		
10	2		
11	2	East	
12	2		

1	1	W.W.	0
2	1		
3	1		
4	1		
5	4		
6	4		
7	5	North	at noon seen by the sailors 36 miles west west from Cape Gd.
8	6	N.W.	seen by the sailors 36 miles west west from Cape Gd.
9	6	W.W.N.	
10	6	N.W.	
11	6		
12	6		

Sett. 1st Long.
com. loc. at 10 AM 42° 3' 42.10 S 63.47 E

Observed sun meridian
alt. 10 AM 52.80 L H. 0.00

3.5° south whence Lat.
is 48.5° North =

corrected. Out man 29.26

Run between Bermudas and
America

Begins foggy wind variable
at 4 went top sail & hoisted
top gallant sail at 10 AM
weather clearing off at 11 PM
the weather cleared & was
the latitude of the Banks
to be 39° 35' the curr out
of table 1.11
41.22

dip — — 4 41.18 Lat at
11 o'clock PM at the same
time in 22 fathoms water
on St Georges bank
at 4 AM a fine breeze
strong up from the SW

at 8 AM the water very
much covered at 10 AM
water quite blue - less on
all the banks —

Fine clear —

2 Gounod from Aunt & Uncle ¹⁸⁸ July 48 days from

Wednesday April 9th 1799

Romanes Lebewan 5^t
gong as bank's tickler

Begins with fore (main)
and at 4 P.M. hoisted m.
Sail at 6 double -
the top sails and down tops
gallant yards at 8 hoisted
the top sail and by by -
as the weather being very
dark & rainy. Beginning
to lightning after 8 P.M.
made sail or bore away
at 2 sets double reef fore
and main top sail at 4
as the wind shifted & was
and begin to blow very

1000 800 800 1000 1000 1000 1000

Altitude 115°. Latitude to be 52.92
Limb. Sun's declination 5.30 north
whence the Lat is 42.46 N

hand and be very cold under
the fore and main tops,
tails again in doing it the
people in
the Harbor watch were
very much beat out the
weather being so very
cold - after which lay
by under fore sail &
mizen stay sail -

Longitude in 6° East
of Greenwich Observatory 70° 35'

24 hours from Newgate to Salem 160 miles

Thursday afternoon 17th 1744

200^m between St George

11	87 ^m over wind & over	
1	lying by wind.	
2	at 15 ^m up N 88°	
3	E of NW	
4	about 2 miles from	
5	shore - WSW C 20° N 88°	
6		
7		
8	way back up shore off	
9	Say 8 - 2 miles from	
10	shore - on SSW E -	
11		
12		
13		
14		
15	- up WSW at about	
16	SW - SSW	
17		
18		

Cards	60	120	240	480	960	1920	3840	
Spaced	13	26	42	38	42	35	63	57

Observed the sun's meridian altitude to be 54° 08' 8 Limb - 0

The variation 34° 58' north, whence it is but it was so much
the east is 12° 38' north. I find it runs
again -

Ampmide by 100 2000

banks of Salem

Begins with land gales lying by under fore & main stay till the weather very cold some snow at 4 pm saw a Seagull lying by with her head to the southwest at 7 pm wind shifts to the south west all night strong wind and a very high sea and snowy cold weather at 7 am set the storm riven and fore topsail say sail as the wind hails at 8 am but a very large sea running could not carry any more

Sail then the fore main and fore topsail went 2 miles at 10 am attempted to set close reef in fore top sail

the sail is 12° 38' north loose that I find it runs again -

of Government from Boston to Salina, Feb 10
arr'd 30) day from

Tuesday March 5th 1794

Rain between Pyrgos

bank & S. Scam -

Begins with landfalls
and very large sea

at 8 pm begins to moderate

for the double reef tops

sails - at 11 set single

reeftops, fore and main

sails - and first small

at 10 saw a number of

reels, hounding out

the ship has been

set 20 miles to the channel at 11 rounded

at the afternoon in 17 fathoms water

after 20 min after

making every allowance to new cape cod bearing

NNE and also saw the

land south by W

wind very moderate

sea smooth took ship

to the northward

a fine breeze at

the latit. 41° 1'

set 8. 16. 8N 21 in -

3. 36. 46. 46. 32. 41. 31. 11. 12. 14. 66. 41

observed the sun's meridian

alt. to be 56. 32. - 1 limb - 0

declination 1. 13. 00. whence

the latit. is 41° 1'

longitude by 008. 70. 47

WSW strong up to

28 Gouraud from Lévis to Salem Feb 47
also 52

Saturday April 6th 1799

Rum between St George's

bank & Salem

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 8010 | 8011 | 8012 | 8013 | 8014 | 8015 | 8016 | 8017 | 8018 | 8019 | 8020 | 8021 | 8022 | 8023 | 8024 | 8025 | 8026 | 8027 | 8028 | 8029 | 8030 | 8031 | 8032 | 8033 | 8034 | 8035 | 8036 | 8037 | 8038 | 8039 | 8040 | 8041 | 8042 | 8043 | 8044 | 8045 | 8046 | 8047 | 8048 | 8049 | 8050 | 8051 | 8052 | 8053 | 8054 | 8055 | 8056 | 8057 | 8058 | 8059 | 8060 | 8061 | 8062 | 8063 | 8064 | 8065 | 8066 | 8067 | 8068 | 8069 | 8070 | 8071 | 8072 | 8073 | 8074 | 8075 | 8076 | 8077 | 8078 | 8079 | 8080 | 8081 | 8082 | 8083 | 8084 | 8085 | 8086 | 8087 | 8088 | 8089 | 8090 | 8091 | 8092 | 8093 | 8094 | 8095 | 8096 | 8097 | 8098 | 8099 | 80100 | 80101 | 80102 | 80103 | 80104 | 80105 | 80106 | 80107 | 80108 | 80109 | 80110 | 80111 | 80112 | 80113 | 80114 | 80115 | 80116 | 80117 | 80118 | 80119 | 80120 | 80121 | 80122 | 80123 | 80124 | 80125 | 80126 | 80127 | 80128 | 80129 | 80130 | 80131 | 80132 | 80133 | 80134 | 80135 | 80136 | 80137 | 80138 | 80139 | 80140 | 80141 | 80142 | 80143 | 80144 | 80145 | 80146 | 80147 | 80148 | 80149 | 80150 | 80151 | 80152 | 80153 | 80154 | 80155 | 80156 | 80157 | 80158 | 80159 | 80160 | 80161 | 80162 | 80163 | 80164 | 80165 | 80166 | 80167 | 80168 | 80169 | 80170 | 80171 | 80172 | 80173 | 80174 | 80175 | 80176 | 80177 | 80178 | 80179 | 80180 | 80181 | 80182 | 80183 | 80184 | 80185 | 80186 | 80187 | 80188 | 80189 | 80190 | 80191 | 80192 | 80193 | 80194 | 80195 | 80196 | 80197 | 80198 | 80199 | 80200 | 80201 | 80202 | 80203 | 80204 | 80205 | 80206 | 80207 | 80208 | 80209 | 80210 | 80211 | 80212 | 80213 | 80214 | 80215 | 80216 | 80217 | 80218 | 80219 | 80220 | 80221 | 80222 | 80223 | 80224 | 80225 | 80226 | 80227 | 80228 | 80229 | 80230 | 80231 | 80232 | 80233 | 80234 | 80235 | 80236 | 80237 | 80238 | 80239 | 80240 | 80241 | 80242 | 80243 | 80244 | 80245 | 80246 | 80247 | 80248 | 80249 | 80250 | 80251 | 80252 | 80253 | 80254 | 80255 | 80256 | 80257 | 80258 | 80259 | 80260 | 80261 | 80262 | 80263 | 80264 | 80265 | 80266 | 80267 | 80268 | 80269 | 80270 | 80271 | 80272 | 80273 | 80274 | 80275 | 80276 | 80277 | 80278 | 80279 | 80280 | 80281 | 80282 | 80283 | 80284 | 80285 | 80286 | 80287 | 80288 | 80289 | 80290 | 80291 | 80292 | 80293 | 80294 | 80295 | 80296 | 80297 | 80298 | 80299 | 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Tuesday morning April 2 1799

311. A blinding night at midcock, come to an anchor in Salem harbour the weather very dark
I went on shore about noon with Mr Bowditch,
and sent the boat off again and gave Mr Thaw
the mate ^{orders} at sunrise to fire a Salute, or con-
sequently at sunrise 16 guns was fired - but it being
a Monday morning it did not meet with Mr Denbys
approbation. the thing was he knew what the
price of brandy was too well to be pleased with the
ship getting in and firing when he know she
had on board 5 or 6 hundred hives - but he alleged
his disapprobation was because it was on Sunday but
if the price of brandy had been as high as
it was six months before he would not
have minded it being on the Lord's day
as they call it - but when people consent
there madness in any such kind & away
upon any one who have cloak of facility
to cover it with they all very have encollary
will make use of it to advantage.

What is a man's interest - what constitutes
 his god - the ultimate of his wishes his end of exist-
 ence - either that which on every occasion
 he communicate with the most unreserved
 cordiality or hide from every profane eye
 and ear with mysterious awe - to which
 he makes every other thing a mere app-
 endix - the vortex. the centre the com-
 parative point from which he sets out. on
 which he fixes. to which he irresistibly return-
 s. That at the loss of which you may safely
 think him inconsolable - that which re-
 leases from the gripe of danger with equal
 anxiety and boldness - The Story of the painter
 and the prince is well known. To get at the
 best price in the artist's collection the
 Prince ordered fine to be made in the
 neighbourhood - at the first noise the
 artist abruptly left the Prince and said it
 was darling his views the Warm Friend

proved a false one, but the object of him who
was tried - The application is easy of thousands
it may be decided what loss, what gain
would affect them most - this the sage of man-
-aneth meant when he said where thy
treasure is thine will thy heart be also
The object of your love is your god -

¹¹ Who is open without covetousness without
waste - severe without craft - humble without
meanness - bold without insolence - cautious without
timidity - regular yet not formal - mild yet
not timid firm yet not tyrannical - it
needs to pass the ordeal of honour and ship
virtues

¹² There is a negative class whose constant
aim is destruction who perpetually labour
to demolish - to imblot - to detract from some
thing within us - those avoid if you can but
examine what they say - those for fitcher
criticisms will often make you allane

to what else, might have escape observation
you can depend on no man or no friend but him
who can depend on himself - he only who acts
consequently to save himself will act so to-
wards others and man is forever the same
The same under every form in all situa-
tions and relations that admits of free and
unrestrained exertions the same regard
which you have for yourself you have
for others for nature for the same in-
visible Human which you call god
who has wittified one, free and un-man-
tramed act of yours has a thousand
who has done certain things and may
be expted to repeat them a thousand times
If the design of creation be the me-
tame of your existence
the human's stature is shared by
time -

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He is seen from above who at one after
every Lesson he says, with open rolling eye
examines to the right and left what features
and what look he, rousee - to -

Op Low Spirits - Aug 30²

all who have weak nerves are subject to
low spirits in a greater or less degree -
Generous diet, the cold bath, exercise and
amusement are the most likely means
to remove this complaint - it is greatly
increased by sadness and indulging gloomy
ideas - but may often be relieved by cheerful
company and sprightly amusements -
When low spirits are owing to weak relax-
ed state of the Stomach and bowels an
infusion of the Persianian bark with cinn-
amon or nutmeg will be proper -
Steel pincers with aromatics may likewise
in this case be used with advantage - but
riding and a proper diet are the most to
be depended on - when they rise from

from a fullness of the Stomach and intestines
or Inflammation in the Hypochondriac viscera
abreptic purges will be proper - I have
sometimes known the Harrogate Sulphur
water of service in this case -

When Low Spirits proceed from Suppres-
sion of the menstrual or of the humor-
ideal flux these evanescence may either
be restored or some other substituted in
their place as fevers - Tetanus or the like
Dr Whrytt observes that nothing has such
sudden good effects in this case as bleeding -
When low spirits have been brought on
by long continued grief - anxiety - or other
distress of mind agreeable company - variety
of amusement - and change of place especially
travelling into foreign countries will afford the
most certain relief.

Persons afflicted with low spirits should avoid
all kinds of excess especially of heavy and
strong liquors - the moderate use of

no^o

of wine and strong liquor is by no means hurtful
but when taken in excess they warm the body
and irritate the humor, and depress the spirit,
this caution is the more necessary as the un-
fortunate are melancholy often fly to strong
liquors for relief by which means they never
succeed in precipitating their own destruction

Of Nervous Diseases pag 285 -

of all diseases incident to mankind those of the
Nervous kind are the most complicated and
difficult to cure - Prohbit would not be suffi-
cient to point out these various appearances - They
imitate almost every disease - and are seldom alike
in two different persons, or even in the same person
at different times. Propters. like. they are contin-
ually changing shape - and upon every fresh att-
ack. the patient thinks he feels symptoms which
he never felt before - Nor do they only affect
the body - the mind likewise suffers and is
often thereby rendered extremely weak and
feeble the Low Spirits languorousness Melan-
choly - andickleness of temper which

which generally affect nervous disorders induce
many to believe that they are entirely disengaged
of the mind - but this change of temper is rather
a consequence than the cause of nervous diseases.
Causes - Every thing that tends to relax or
weaken the body disposes it to nervous disorders
or imbalance. excessive venery drinking too
much tea or other weak watery Liquors warm
frequent bleeding purging vomiting & what
ever hinders the digestion or prevents the
proper assimilation of the food has likewise
this effect - as long fasting except in eating
or drinking? the use of wine, coarse or un-
wholesome aliments an unfavourable posture
at the body &c -

Nervous disorders often proceed from violent
application to study - indeed few studies in this
are entirely free from them nor is this
at all to be wondered at - intense thinking not
only fatigues upon the spirits but prevent
the person from taking proper exercise
by which means the digestion is impeded
the nourishment prevented - the limbs

no 6

which increased and the whole mass of humours
distended. Insom' and disappointment likewise, produce
the same effect. I have known more nervous
patients, who stated the commencement of those
disorders from the loss of a husband a favourite
child or from some disappointment in life than
from any other cause. in a word whatever weak-
ens the body or depresses the spirits - may occasion
nervous disorders - as unwholesome air want of
sleep great fatigue disagreeable apprehensions
anxiety vexation &c -

Symptoms — We shall only mention some
of the most general symptoms of those disorders
as it will be both unuseful and unhelpful to enumerate
the whole. They generally begin with windish inflam-
mation or distentions of the Stomach and intestines - the
appetite and digestion are usually bad - yet sometimes
there is an uncommon craving for food, and a quick
digestion. the stool often turns sour in the stomach
and the patient is troubled with vomiting of
clear water, tough phlegm, or blackish colored
liquor resembling the ground of coffee -
sternutating fits are one often felt about

about the stool, attended with a rumbling or
murmuring noise in the bowels. The body is
sometimes cold but more commonly bound which
occasions a retention of wind and great uneasiness
the urine is sometimes in small quantity
at other times very copious and quite clear -
There is a great smarting of the breast with
difficulty of breathing - violent pulsitating of the heart
sudden flushings of heat in various parts of the body
at other times a sense of cold, as if water were pour'd
on them - flying pains in the arms and limbs -
pains in the back and belly, resembling those occi-
asioned by gravel - the pulse very variable some
times uncommonly slow and at other times very
quick - yawning, the hiccups frequent slipping in
a sense of suffocation, as if from a bill or bump
in the throat. Alternate fits of crying and con-
fuse laughing. the sleep is uncomfo and seldom
refreshing and the patient is often troubled with
the night-mare -

As the disease increases the patient is afflicted
with head-ache. Cramps and fixed pains in various
parts of the body the eyes are clouded and often
affected with pain and dryness. There is a

a noise in the ears - and often a dullness of hearing;
in short, the whole animal functions are impaired - The mind is disturbed on the most trivial occasions - and is turned into the most perverse
conversations inquietudes terror sadness anger
in confidence & the patient is apt to entertain
vile imaginations and extravagant fancies - the
memory becomes weak and the judgment fails -
Sitting is more characteristic of this disease than
a walk or a ride y' death - This renders those un-
happy persons who labour under it peevish -
sickly impatient and apt to run from one
physician to another - which is one reason
why they seldom reap any benefit from med-
icine - as they have not sufficient resolution to
persevere in any one course till it has time to
produce its proper effects - They are like
children apt to imagine that they labour under
diseases from which they are quite free, and
are one very angry if any one attempts to set
them right or laugh them out of their ridicu-
lous notions

Fidgetty Persons

4

Persons affected with the nervous diseases
ought never to fast long - Their food should be
solid and nourishing but of easy digestion - fat
meat and heavy sauces are hurtful - all excess
should be carefully avoided - They ought never to
eat more at a time than they can easily digest
but if they feel them selves weak and faint
between meals they ought to eat a bit of bread and
drink a glass of wine - Heavy Suppers are to be
avoided - though wine in excess infects the body
and impairs the faculties of the mind yet taken
in moderation it strengthens the stomach
and promotes digestion - Wine and water is
very proper drink at meals - but if wine
comes on the stomach, or the patient is much
troubled with wind branly and water will
answer better. Every thing that is winds
or hinders of digestion must be avoided all
weak and warm liquors are hurtful as tea
coffee punch &c - people may find a temporary
relief in the use of those but they

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they always increase the malady, as they weaken the Stomach and hurt digestion — These all things, dramae are to be avoided; what ever immediate ease the patient may feel from the use of ardent spirits, they are sure to aggravate the malady, and prove certain poison at last. These caution are more necessary as most nervous people are peculiarly fond of tea and Ardent Spirits, to the use of which many of them fall victims —

Exercise in nervous disorders is superior to all medicines — Riding on horseback is generally esteemed the best as it gives motion to the whole body, without fatiguing it. I have known some patients however with whom walking gives better and others who were most benefited by riding in a carriage, every one ought to use that which he finds most convenient — Long voyages have an excellent effect, and to those who have sufficient resolution a long journey or voyage, is of much more

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more coverage than riding short journeys
near home... a cool and dry air is proper as it brace-
-sses and invigorates the whole body - few things less
mild to relax and enervate than hot air especially
that which is rendered so by greatest fires or stoves
in small apartments - But when the Throats
or Livers are weak, the body ought to be well
guarded against colds especially in winter by
wearing a thin flannel waistcoat next the skin -
This will keep up an equal perspiration
and defend the alimentary canal from many
impressions to which it would otherwise be
subject upon every sudden change from
to cold weather - Rubbing the body frequently
with a flesh brush on a coarse spongy cloth is
likewise beneficial as it promotes the circu-
lation - perspiration &c - persons who have weak
nerves ought to rise early and take exercise
before breakfast as lying too long a bed can
not fail to relax the solids - They ought like
wise to be diverted - and to be kept as easy

safely and cheerful as possible - There is not any thing which hurts the nervous system or weakens the digestive powers more than fear grief or anxiety

Medicines - Though nervous diseases are seldom radically cured - yet those symptoms may sometimes be alleviated, and the patients life rendered at least more comfortable by proper Medicine - When the patient is costive he ought to take a little rhubarb or some other mild purgative and should never suffer his body to be long bound; all strong and violent purgatives are however to be avoided as dose jalsip &c - I have generally seen an infusion of Senna and rhubarb in Lemongrass run very well. This may be made of any strength and taken in such quantities as the patient finds necessary - When digestion is bad or the Stomach relaxed and weak the following infusion of Peruvian bark and other bitters may be used with advantages - Take of Peruvian bark and an ounce gentian root orange peel and coriander seed of each half an ounce - Let these ingredients be well

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well bruised in a mortar and infused in a bottle
of brandy or Rum for the space of five days,
or six — A table spoonful of the strained liquor
— may be taken in half a glass of water an hour
before breakfast dinner and supper —

few things tend more to strengthen the nervous
System than cold bathing. This practice if duly
perfected in will produce very extraordinary
effects — but when the Liver or other viscera
are obstructed or otherwise unfeud. the cold
bath is improper it is therefore to be used
with very great caution — The most proper
seasons for it are summer and autumn —
it will be sufficient especially for persons
of a spare habit. to go into the cold bath
three times a week — if the patient be un-
hurted by it. or feels chilly for a long time
after coming out. it is improper in
patients affected with wind. I have always
observed the greatest benefit from the chil-
ing of vitriol — it may be taken in the

The quantity of fifteen twenty or thirty drops twice or thrice a day in a glass of water - This bath expels wind strengthens the stomach and promotes the digestion —

Opiots are generally extolled in maladies, but as they only palliate the symptoms, and generally afterwards increase the disease - we should advise people to be extremely sparing in the use of them lest habit render them at last absolutely necessary - it would be an easy matter to enumerate many medicines which have been extolled for relieving nervous disorders - but who ever strives for thorough cure, must expect it from regimen alone - we shall therefore omit mentioning more medicines and again recommend the strictest attention to diet and exercise and amusements —

Of Vomiting page 372 -

From the delicate state of children, and the great sensibility of their organs vomiting or belching may be induced by any thing that irritates the nerves of the stomach or intestines. Hence these disorders.

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are much more common in childhood than in the more advanced periods of life - They are seldom however dangerous and ought never to be considered as diseases unless when they are violent or continue so long as to exhaust the strength of the patient.

Vomiting may be excited by an over quantity of food - by food that is of such a nature as to irritate the nerves of the stomach too much - or by the sensibility of the nerves being so much increased as to render them unable to bear the stimulus of even the mildest element -

When vomiting is occasioned by too much food it will be promoted as the cure will depend upon clearing the stomach. This may be done either by a few grains of opopanax, or a weak solution of emetic tartar as mentioned before - When it is owing to food of an acrid or irritation quality the diet ought to be changed and aliment of a milder nature substituted in its stead -

When vomiting proceeds from an increased degree of sensibility or too great an irritability of the nerves at the stomach such medicines

Medicines as to have a tendency to brace and strengthen that organ, and to abate its sensibility must be used. The first of those intentions may be answered by a slight infusion of the peruvian bark with the addition of a little rhubarb and orange peal - and the second by the former draughts to which a few drops of Liquid Laudanum may be occasionally added.

In the stomatic vomiting the operations of internal medicines may be assisted by aromatic fomentations made with wine applied warm to the pit of the Stomach - or the use of the stomach plaster with the addition of a little Theriaca -

Spitting of Blood

Page 230

We mean here to treat of that discharge of blood from the lungs only which is called an haemoptoe or spitting of blood persons of a tender make and a low fibbre who have long necks and small breasts, and generally attack people before they arrive at the prime or middle period of life - it is a common observation that those who have been subject to it during at the stage when young are afterwards most liable to an haemoptoe -

Coughs in haemoptoe may proceed from excess of blood, from a peculiar weakness of lungs

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Lungs or a bad conformation of the breast - it is often
occurred by excessive drinking, running, wrestling,
singing or shouting aloud - such as have weak lungs
ought to avoid all violent exertions of the
organ as they value life - they should like wise guard
against violent passion, excessive drinking, and
every thing that occasions a rapid circulation of
the blood -

This disease may likewise proceed from wounds
of the lungs those may either be received from with-
out or they may be occasioned by bare bodies getting
into the wind pipes and so falling down upon the lan-
gs, and hurting that tender organ - The obstruction
of any customary evacuation may occasion a fitting
of blood as my last of bleeding or purging at the usual
season, the stoppage of the bleeding piles in men
or the menses in women &c - it may likewise
proceed from a polypus - Scrophular concretion
or any thing that obstructs the circulation of
the blood in the Lungs - it is often the effect a long
and violent cough, in which case it is generally
the forerunner of a consumption - A violent degree
of cold suddenly applied to the external parts
of the body will occasion an haemoptoe, it
it may likewise be occasioned by breathing
air which is too much natisied to be able properly

In properly - & expand the Lungs - This is often the case with those who work in hot places as furnaces, glass houses or the like - it is likewise said to happen to such as ascend to the top of very high mountains as the peak of Beniniff &c

Spitting of Blood is not always to be considered as a primary disease - it is often only a symptom and in some diseases not an unfavourable one - This is the case in pleuritis, pleurorrhomies and Tumors, athen fevers - in dropsy, scurvy or consumption, it is a bad symptom and shews that the Lungs are ulcerated

Symptoms - Spitting of Blood is generally proceeded by a sense of weight and oppression of the breast, a dry tickling cough, hoarseness, and a difficulty of breathing - Sometimes it is unaccompanied with shivering, coldness of the extremities, astiveness, great Lassitude, fululence pain of the back, and loins &c - as these shew a general stricture upon the vessels and tendency of the blood to inflammation they are commonly the forerunners of a very copious discharge - The above symptoms do not attend a discharge of blood from the gums or fauces by which means there may always be distinguished from an haemoptysis - Sometimes the blood that is spit up is thin and of a florid red colour and at other times

sometimes it is thick and of a dark or blackish colour - nothing however can be inferred from this circumstance but that the blood has lain a longer or shorter time in the vessels before it was discharged - Spitting of blood in a strong healthy person of a sound constitution is not very dangerous - but when it attacks the tender and delicate or persons of a weak, lax fibre, it is with difficulty removed - when it proceeds from a scirrhous or polypus of the lungs it is bad the danger is greater when the discharge proceeds from the rupture of a large vessel than of a small one - when the extravasated blood is not spit up - but lodges in the breast it corrupts and greatly increases the danger - when the blood proceeds from an ulcer in the lungs it is generally fatal -

Regimen - The patient ought to be kept cool and easy every thing heats the body or quickens the circulation whence the danger - The mind ought likewise to be soothed and every occasion of exciting the passions avoided - The diet should be soft cooking and slender as rice boiled with mutton - small broths, barley gruel, farro &c

The diet this case can scarce be too low - Even water gruel is sufficient to support the patient may drink milk and water barley water whey

whey buttermilk and such like - Every thing however should be drank cold and in small quantities at a time - he should observe the strictest silence or at least speak with a very low voice - Medicine - This like the other involuntary discharge of blood ought not to be suddenly stopped by astringent medicine more medicinal is often done by those then if it were suffered to go on - it may however proceed so far as to weaken the patient and even endanger his life in which case proper means must be used for restraining it -

The body should be kept open by laxative diet as nougat apples stewed prunes and such like - if these should not have the desired effect a tea spoonful of the Lentilvine electuary may be taken twice or thrice a day as it is found necessary - if the bleeding proves violent ligatures may be applied to the extremities as directed for bleeding at the nose - if the patient be hot or feverish bleeding and small dose of nitre may be given - a scruple or half a drachm of nitre may be taken in a cup of his ordinary drink twice or thrice a day - his drink may likewise be sharpened with acids as juice of Lemon or a few drops of the spirits of vitriol

vittail or he may take frequently a cup of the
tincture of roses — bathing the feet and
legs in Luke warm water has likewise very
good effect in this disease — Opium too are
sometimes beneficial but those must be ad-
ministered with caution — ten or twelve dr.
ops of Laudanum may be given — in a cup
of barley water twice a day and continued
for some time provided they be found bene-
ficial — The conserve of roses is likewise
a very good medicine in this case provided
it be taken in sufficient quantity and long
enough perfumed in — it may be taken
to the quantity of three or four ounces a day
and if the patient be troubled with a cough
it should be made into an electuary with

balsamic syrup and a little of the Syrup of
Poppies — if stronger astringents be necessary
fifteen or twenty drops of the elixir of vio-
tal may be given in a glass of wine three or
four times a day — Those who are subject
to frequent nocturns of this disorder should
avoid all excess — Their diet should be light
and cool consisting chiefly of milk and

and vegetables. Above all let them beware
of vigorous efforts of the body - and violent
agitations of the mind —

Vomiting of Blood — Aug 233

This is not so common as the other discharges
of blood which have already been mentioned - but it
is very dangerous and requires particular attention.
Vomiting of blood is generally preceded by pain
of the stomach, sickness, fainting fits —

This disease is sometimes periodical in which case it
is less dangerous. It often proceeds from an obstruction
of the bowels in women and sometimes from the
stoppage of the haemorrhoidal flux in men -
it may be occasioned by anything that greatly
stimulates or wounds the stomach as strong vomits
or purges and poisons sharp or hard substances
taken into the stomach &c — it is often the effect
of obstructions in the Liver the Spleen or some
of the other viscera — it may likewise proceed
from external violence as blows bruises or from
any of the causes which produce inflammation
in hysterical women vomiting of blood is very common
but by no means a dangerous symptom —

A great part of the danger in this disease arises
from the extravasated blood coagulating in the bowels
and becoming putrid by which means a dysentery

a dysentery or putrid fever may be occasioned
The best way of preventing this is to keep the body
gently open by frequently exhibiting emollient
lysters - purges must not be given till the
discharge is stopt otherwise they will irritate
the stomach and increase the disorder all the
food and drink must be of a mild cooling nature
and taken in small quantities - Even drinking
cold water has some time proved a remedy but
it will succeed better when sharpened with the
weak spirits of vitriol - when there are
signs of an inflammation bleeding may be
necessary - but the patients weakness will
not permit it - opiates may be used but
they must be given in very small doses as four or
five drops of Lypid Laudanum twice or thrice
a day after the discharge is over as the patient
generally troubled with gripes occa-
-ioned by the acrimony of the blood lodged in
the intestines gentle purges will be recep-
-tive —

of the head etc Aug 1.00

Stches and pains proceed from very different causes
one may affect any part of the body - but we shall point
out those only which occur most frequently an

are are attended with the greatest danger -

When the Head acht is light and affects a particular part of the Head only it is called cephalgia - when the whole Head is affected cephalaea - and when on one side only hemianopia - A fixed pain in the forehead which may be covered with the end of the thumb is called the slave hystericus -

There are also other distinctions - sometimes the pain is internal - sometimes external - Sometimes it is an original disease and at other times only symptomatis - When the headache proceeds from a hot bilious habit - the pain is very acute and throbbing with a considerable heat of the part affected - When from a cold phlegmatic habit the patient complains of a dull heavy pain and has a sense of coldness in the parts This kind of headache is sometimes attended with a degree of stupor or folly - whatever obstructs the free circulation of the blood through the vessels of the head may occasion a head acht - in persons of full habit - who abound with blood or others humours - the headache often proceeds from the suppression of the customary evacuations as bleeding at the nose sweating of the feet &c. it may likewise proceed from any cause that determines a great flux of blood towards the head for a long time - whatever prevents the return of the blood from the head will likewise occasion a head acht - as looking long obliquely at any object wearing any thing tight about the neck or the like - When a headache proceeds from a stoppage of

of a running at the nose. there is a heavy obtuse pulsing pain in the fore part of the head in which there seems to be such a weight that the patient can scarce hold up - When it is occasioned by the excrements of the venereal disease it generally affects the skull and often produces a caries of the bone - Sometimes the Head Ach proceed from the repulsion or retrocession of the gout. the erysipelas. the small pox. measles itch or other eruptive diseases or indigestion - insomnion or emptiness will often also occasion Head ach - I have often seen instances of this in nurses who gave suck too long or who did not take a sufficient quantity of solid food - There is likewise a most violent fixed constant and almost intolerable Head ach which occasions great debility both of body and mind prevents sleep destroys the appetite. causes a vertigo dimness of sight a noise in the ears. convulsions epileptic fits and sometimes vomiting coldness of the extremities &c - The Head ach is often symptomatic in continual and intermitting fevers especially quartans - it is likewise very common symptom in hysterick and hypochondriac complaints - When a Head ach attends an acid fever with pale urine it is an unfavourable symptom - in excessive Head ach coldness of the extremities is a bad sign - when the disease

disease continues long - and very violent it often
terminate in blindness and aphæxy disease, or
vertigo - the loss of appetite &c -

in these cases the diet regimen in general
is to be observed the diet ought to consist in such
smaller substance as will correct the animosity
of the humours and keep the body open - as apples
boiled in milk thyme - turnips and such like -
The drink ought to be diluting - as barley water
infusion of mild mucilaginous vegetables decoctions
and soups ought to be kept warm and frequently
bathed in luke warm water - The head should be
shaved and bathed with water and vinegar - The
patient ought as much as possible to keep in an erect
posture and not to lie with the head too low -

When the headache is owing to excess of blood or an
hot bilious constitution bleeding is necessary -
The patient may be bled in the regular vein
and the operation repeated if there be occasion
causing also on the application of leeches to the
temples and behind the ears will be of service -
afterwards a blistering plaster may be applied
to the neck behind the ears or to any part of the
head that is most affected - in some cases it will be
proper to blister the whole head - in persons of
a gross habit issues or perpetual blisters will be
of service - The body ought likewise to be kept open
by gentle laxatives - but when the headache
proceeds from a copious vitiated serum stagnating

Pulsating in the membrane either within or without the skull with a dull heavy continued pain which will neither yield to bleeding nor any laxative than more powerful purgative one need - any - as pills made of aloes resin & jalap or the like it will also be necessary in this case to blister the whole head and keep the back part of neck open for considerable time by a perpendicular blister When headache is occasioned by the stoppage of a running at the nose the patient frequently smells to a bottle of volatile salts - he may likewise take snuff or anything that will irritate the nose so as to promote a discharge from it as the herb mastick ground ivy &c -

A hemianopia especially a periodical one is generally owing to a foulness of the stomach for which gentle warmts must be administered as also sponges of rhubarb - often the bowels have been sufficiently cleaned chaly beat water and such bitters as strengthen the stomach - will be necessary - A periodical headache has been cured by wearing a piece of flannel over the fore head during the night - When the headache arises from a vitiated state of the humours as in the scury and venereal disease the patient after proper evacuations must drink freely of the decoction

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Decoction of Woods or the decoction of Sarsaparilla
with raisons and liquorice - Those promote pers-
piration, sweeten the humours and if duly perfi-
cted in will produce very happy effects -
when a collection of matter is felt under the skin
it must be discharged by incision otherwise it
will render the bone curious -

When the Head Ach is so intolerable as to endanger
the patient life or is attended with continual watching
& recourse must be had to opiate - Those after pro-
per evacuation by oijsters or mild purgatives may
be applied both externally and internally - The
affected part may be rubbed with Bates mothyne
balsam or a cloth dipped in it may be applied to
the hair - The patient may at the same time take twen-
ty drops of Laudanum in a cup of valerian or penny
royal tea twice or thrice a day - This is only to be
done in case of extreme pain - Proper evacuation
ought always to accompany and follow the use of
opiates & - When the patient cannot bear the
loss of blood his feet ought frequently to be bath-
ed in Luke warm water and well rubbed with
a coarse cloth - Cataphalms with mustard or hor-
seradish ought likewise to be applied to them.
This course is peculiarly necessary when the
pain proceeds from a yonthy humour affecting

affections the head — where the Head-ach is
occasionsed by greate heat hard Labour or violent
exercise of any kind it may be allay'd by
causing medicines — as the Saline draught
with nitre and the like — A Littel of vapo
urance drops into the palm of the Hand and
applied to the fore Head will soone remo
ve a violent head-ach and so will acther
when applied in the same Manner —

of the Tooth-ach — page 245

This disease is so well known that it needs
that no description — it has great affinity with
the rheumatism and often succeeds pain of the
shoulders and other parts of the body —

it may proceed from obstructed perspiration
or any other cause of inflammation —
I have often known the tooth-ach occasioned
by neglecting some part of the usual covering
of the head, by setting with the head neare
an open window or exposing it, by how to a
draught of cold air — Food or drink taken either
too hot or too cold is very hurtful to the teeth
great quantities of sugar or other sweet meats
are likewise hurtfull walting is more de
structive to the teeth than cracking nuts
or chewing any kind of hard substance —

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Substance - picking the teeth with fine needles or any thing that may hurt the enamel with which they are covered does great mischief - as the tooth is sure to be spoiled whenever the air gets into it breeding worms are very subject to the tooth aches especially during the first three months of pregnancy) The tooth aches often proceeds from morbid humours affecting the gums - in this case the teeth are sometimes wasted and fall out without any considerable sense of pain - The more immediate cause of the tooth aches is a rotten or carious tooth - in order to relieve the tooth aches we must first endeavour to release the place of humours to the part affected - This may be done by mild purgatives Scouring the gums or applying Leeches to them and bathing the feet frequently with water - The perspiration ought likewise to be promoted by drinking freely of weak wine ~~whisky~~ or other diluting liquors with small doses of nitre - Vomits too have often an exceeding good effect in the tooth aches - it is seldom safe to administer opiates or any kind of heating medicines - or even to draw a tooth till proper evacuation have been promised - and those alone will often

often affect the owner - if this fails and the
pain and inflammation still increases a sup-
puration may be expected. To promote which,
a toothed fig should be held between the gums
and the cheek - bags filled with boiled cham-
omile flowers of Doer or the like may
be applied near the part affected with a
great degree of warmth as the patient
can bear and renewed as they grow cool -
The patient may likewise receive the Sta-
mno of warm water into the mouth though an
inverted funnel or by holding his head over
the mouth of a panniger filled with warm
water &c. — Such things as promote the
discharge of Saliva or cause the patient
to Spit are generally of service - for this
purpose bitter hot or pungent vegetables
may be chewed - as gentian calamus aromat-
icus or bellitory of Spain - Allen recommends
the root of yellow water-flower de Luce in
this case - This root may either be rub-
bed upon the tooth or a little of it chewed.
Brooks says he hardly ever knew it
fail to ease the toothach - it ought however
to be used with caution - Many other

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other herbs roots - and seeds are recommended for curing the tooth acht - as the leaves or roots of mille folio or yarrow chewed tobacco smoking or chewing - Thunes acne or the seed of mustard chewed &c - Those bitter hot eme purgative things by exciting a great flow of saliva frequently gave ease in the tooth acht - Opiums relieve the tooth acht - For this purpose a little cotton wet with Laudanum may be held between the teeth - or a piece of sticking plaster about the bigness of a shilling - with a bit of opium in the middle of it of a size not to prevent the stickiness of the other - may be laid on the temporal artery where the pulsation is most sensible - De La Motte affirms that one few cafes when in this will not give relief - if there be a hollow tooth a small pill made of equal parts of camphrine and opium put into the hollow - is often beneficial - When this cannot be had the hollow tooth may be filled with gum Mastics wax - lead or any substance that will stick in it to keep out the external air -

These applications give none relief in the tooth acht than blisters - those may be applied between the blisters - but made so large as to cover a

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a great part of the lower jaw — After all when a tooth is carious it is often impossible to remove all the pain without extracting it and a sound tooth never becomes sound again. It is prudent to draw it soon lest it should affect the rest. Teeth drawing like bleeding is very much practised by Mechanics as well as persons of the medical profession. The operation however is not without danger and ought always to be performed with care — A person unacquainted with the structure of the parts will be in danger of hurting the jaw bone ^{or} drawing a sound tooth instead of a rotten one. This may always be prevented not by the operator striking upon the teeth with any piece of metal as this never fails to excite the pain in the carious tooth.

When the tooth which returns periodically and the pain chiefly affects the gums, it may be cured by the bark — Some pretend to have found great benefit in the toothach from the application of an antiseptic mortar to the affected tooth — we shall not attempt to account for its mode of operation — but if it be found to answer though only in particular cases it certainly deserves a trial as it is attended with and cannot do any harm — Electricity has likewise been recommended and particular instruments have

have been invented for finding a tooth through
the affected tooth - physicians who have returns
of the tooth-ach at certain seasons as Spring and
autumn might often prevent it by taking a
bunge at those times -

Keeping the teeth clean has no doubt a tendency
to prevent the tooth-ach - the best method
of doing this is to wash them daily with salt
and water a decoction of the Bane - or with cold
water alone - All brushing and scraping of the
teeth is dangerous - and unless it be performed
with great care, dose mischief -

Pains of the Stomach page 247 -

This may proceed from various causes - as indigestion -
and the accumulation of the bile - Stomach wind, or insipidous
Substance taken into the Stomach &c - it may likewise
be occasioned by worms - The Stoppage of concreting evacua-
tions - a translation of the gouty Matter to the Stomach
the bowels &c -

Women in the decline of life are very liable to
pains of the Stomach and Bowels especially such as
are accompanied with systemic complaints - it is likewise
very common to hypochondriac men of sedentary
and luxurious life - in such persons it often
proves so extremely obstinate as to baffle all the
powers of medicine - when the pain of the Stomach,
is most violent after eating, there is reason to sus-
pect that it proceeds from some fault either in the
digestion or the food - in this case the patient ought

ought to change his diet. till he finds what kind of food agrees best with his Stomach and should continue chiefly to use it - if a change of diet does not remove the complaint - the patient may take a gentle vomit and afterwards a dose or two of Rhubarb. He likewise to take an infusion of Chamomile flowers or some other stomachatic bitter either in wine or water. I have often known exercise remove this complaint especially riding on a long journey on horseback, or in a carriage — When a pain of the Stomach proceeds from flatulency in the patient it constantly belching up wind and feels an uneasy distension of the Stomach after meals — This is a most deplorable disease and is seldom thoroughly cured — in general the patient ought to avoid all windy diet, and every thing that lies on the Stomach as greens, roots, &c — This rule however admits of some exceptions — There are many instances of persons very much troubled with wind who have received great benefit from eating parboiled Pease though that grain is generally supposed to be of a windy nature —

This complaint may likewise be greatly relieved by labour especially digging — reaping — mowing — or any kind of active employment by which the bowels are alternately compressed and distended. The most abstruse case of this kind I ever met with was in a person a secretary

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Secundary occupation whence I advised you he
had tried every kind of medicine in vain to
turn gout - which he did and has ever since
enjoyed good health - when a pain of the Stomach
is occasioned by the Swallowing of acrid or pernicious
substances - they must be discharged by vomit-
it. This may be excited by butter or oil or other
soft things which sheathe and defend the Stomach
from the acrimony of its contents - when pain
of the Stomach proceeds from a Translation of gouty
matter - warm cordials are necessary as generous
wine, French brandy &c - Some have drunk a whole
bottle of brandy or rum in this case in few hours
without being in the least intoxicated or even feeling
the Stomach warmed by it - it is impossible to
ascertain the quantities necessary upon those occa-
sions - This must be left to the feelings and discre-
tion of the patient - The sober way however is not
to go so far - when there are inclinations to vomit
it may be promoted by drinking an infusion of
Chamomile flowers or cordial Benedictus -
if pain of the Stomach proceeds from the Stoppage
of customary evacuations, bleeding will be necessary
especially in Sanguine and very full habit -
it will likewise be of use to keep the body gently
open by mild purgatives - as rhubarb or senna &c
This disease affect women in the decline of life
after the stoppage of monthly menses making an issue in

in these leg or arm will be of peculiar service when
the disease is occasioned by worms they must be
destroyed or expelled by such means as are recom-
mended in the following section —

When the Stomach is greatly relaxed and the diges-
tion bad which often occasions flatulencies the chia-
p of nitroil will be of singular service — Fifteen or
Twenty drops of it may be taken in a glass of wine
or water twice or thrice a day —

Persons afflicted with flatulency are generally
unhappy unless they be taken some purgative
medicines — Those though they may give immediate
relief tend to weaken and relax the Stomach and
bowels and consequently increase the disorder —

The best method is to mix purgatives and
tannacries together — Equal parts of sennuin
bark and rhubarb may be infused in brandy
or wine and taken in such quantities as to keep
the body gently open —

* Those are prepared by steeping or soaking page
and afterwards drying them in a pot or kiln till
they be quite hard they may be used at pleasure.

Of the jaundice page 252 —

This disease is first observable in the white of
the eye which appears yellow — Afterwards the who-
le skin puts on a yellow appearance — The urine too
is of a saffron hue and dies a white cloth of the

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the same colour. There is likewise a species
of this disease called the black jaundice -

Causes -

The immediate cause of the jaundice is an
~~inflammation~~^{infection} at the liver. The remote or occasional causes
are the bites of poisonous animals, as the viper mad
dog &c - The bilious or hysterical cause violent passion
as grief - anger - &c - Strong purges or vomits will
likewise occasion the jaundice - Sometimes it proceeds
from abstinence argues - or from that disease being pre-
existing stoppage by astringent medicines - in infants
it is often occasioned by the meconium not being suffi-
ciently purged off - Pregnant women are very subject
to it - it likewise a symptom in several kinds of
fever - Catching cold or stoppage of customary evacua-
tion as the mentes, the bleeding piles issues &c -
will occasion the jaundice -

Symptoms - The patient at first complains of
excessive weariness, and has great aversion to every
kind of motion - his skin is dry and he generally
feels a kind of itching or prickling pain over the
whole body - The stools are of a whiteish or clay
colour, and the urine as was observed above, is yellow
The breathing is difficult and the patient complains of
an unusual load or oppression on the breast -
There is a heat in the stomach, a bitter taste in
the mouth, loathing of food, sickness at the stomach,
vomiting, flatulence, and other symptoms of

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of indigestions - if the patient be young and the disease complicated with another malady, it is seldom dangerous but in old people - where it continues long, returns frequently, or is complicated with the dropsy or hypochondriac symptoms, it generally proves fatal the black jaundice is more dangerous than the yellow.

Regimen - The diet should be cool, light and diluting consisting chiefly of ripe fruits and mild vegetables - as apples boiled or raw & sliced, prunes, preserved plums, boiled spaghetti &c - veal or chicken broths with light bread and likewise very proper, many have been cured by living almost wholly for some time on raw eggs - The drinks should be buttermilk when sweetened with honey or decoctions of cool upering, vegetable or marshmallow roots with liquorice &c. The patient should take as much exercise as he can bear either on horse back, or in a carriage, - walking, running and even jumping one otherwise finds on provided he can bear them without pain - and there be no symptoms of inflammation - patients have been often cured of this disease by long

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a long journey after medicines had proved ineffectual - A movement one likewise of great use, in the jaundice - the disease is also occasioned by a sedentary life - joined to a dull melancholy disposition - whatever then one tends to promote the circulation and to cheer the spirits must have a good effect as dancing laughing singing &c -

Medicine - if the patient be young & of full sanguine habit, and complains of pain in the right side about the regions of the liver bleeding will be necessary - after this a vomit must be administered and if the disease proves abstruse it may be repeated once or twice - no medicines are now beneficial in the jaundice than vomits especially where it is not attended with inflammation - half a drachm of apocynum in powder will be a sufficient dose for an adult it may be wrought off with weak chamomile tea or Lukewarm water - The body must likewise be kept open by taking a sufficient quantity of castile soap or three pills for the jaundice recommended in the appendix - Fomenting the parts about the regions of the

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The Stomach and Liver - and rubbing them with
warm hand aff flesh brush are likewise benefi-
cial - but it is still more so for the patient to sit
in a bath of warm water up to the Breast - he
ought to do this frequently and should continue
it as long as his Strength will permit -
many dirty things are recommended for the cure
of the jaundice as Lice Millipedes &c but those
do more harm than good as people trust to them
and neglect more valuable medicines - besides
they are seldom taken in sufficient quantity
to produce any effect. People always expect
that such things should act as charms and con-
sequently seldom persist in the use of them
British Bunges fermentations and exercise will
seldom fail to cure the jaundice when it is
a simple disease - and when complicated with
the dropsy a scorbutous Liver or other chronic
complaints it is hardly to be cured by any
means - Humberiff British herbs are
established for the cure of this disease - The
Author of the medicina britannica
mentioned near a hundred all famous for
curing the jaundice - The fact is the disease
often goes off of its own accord - in which case

use the best medicine. is always said to have performed the cure - I have sometimes however seen considerable benefit in a very obstinate Jaundice from a decoction of hempseed - four ounces of this seed may be boiled in two English pints of ale and sweetened with coarse sugar - this is half an English pint every morning - it may be continued for eight or nine days - three likewise known Harrogate Sulphur water cure a jaundice of a very long standing - it should be used for some weeks and the patients must bath drink and bathe - The soluble tartar is a very proper medicine in the jaundice - A drachm of it may be taken at night and moving in a cup of tea or water - if it not open the body the dose may be increased - Persons subject to the jaundice ought to take as much exercise as possible and to avoid all heating, and astringent aliment

¶ Beside Parents Day 5-

The next source of the disease of children is the vice of thine of parents - it would be as reasonable to expect a vice crock

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crisis from a barren jail as that a strong and
healthy children should be born of barren mothers.
constitution have been worn out with intem-
perance or disease —

an ingenuous writer observes that on the con-
stitution of mothers depends originally that
of their offspring. No one who believes this
will be surprised on a view of the female
world to find diseases and death so frequent
among children. A delicate female brought
up within doors and other stronger exercise
and open air who lives on tea, and other slopes
may bring a child into the world but it will
hardly be fit to live. This first blast often
cure will fit the tender plant in the bud
or should it struggle a few years existence
is feeble from want of constitution
from every trivial cause will be unable to
perform the common functions of life and
serve a burden to society — if to the delicacy
of mothers we add the irregularities of others
we shall see further cause to believe that
children are often hurt by the constitution
of their parents. A sickly frame may be
originally induced

induced by hardness or intemperance, but
chiefly by the latter, it is impossible that
a course of vice should not spoil the best con-
stitution, and did the evil terminate here
it would be a just punishment for the
sally of the sufferer - but when once a vice
is contracted and riveted in the habit it is entail'd
on posterity - what a dreadful inheritance is the yoke
the Scourvy or the King's evil to transmit to our
offspring - how happy had it been for the heir of
such a great estate had he been born a beggar
rather than to inherit his father's fortunes at
the expence of inheriting his vices - a
man so labouring under any incurable malad-
dy, could not be marry'd - his sterility not
only shortens his own life, but transmits it self
to others - but when both parents are deeply
imbued with the scruples the Scourvy with-
the like effects must be still worse - it must
have my issue, they must be miserable
indeed - Now want of attention to those thin-
gs in forming connexions for life has re-
sulted in more families than plague, famine or
the sword - in long as those connexions are
formed from mercenary views the evil will
be continued - in our matrimonial contracts

contracts it is annoying so little regard is had to the health and form of the object our thoughts never know that the reverous course cannot be tried out of the founded jude nor th fugious Spanill out of the nursing cow. This is settled upon immutable law - The man who marries a woman of a sickly constitution and descended of unhealthy parents whatever his views may be cannot be said to act a prudent part - diseased women may prove fertile this be the case the family must become an infirmary - What a ynglyst of happiness the farther - And if a family has we shall leave anyone to judge such children have the misfortune to be born of diseased parents will require to be nursed with great care than others this is the only way to make amends for the defect of constitution and will often go a great length to healthy men wholesome air and sufficient exercise will do wonders - But when there is no neglected child is to be expected from any other quarter - The defects of constitution cannot be supplied by Medicine.

Those who inherit any family disease ought to be very circumspect in these

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there, however a ^{for} family — They should consult
in well the nature of such disease and guard
against it by a proper regimen. It is certain
that family disease, have often by proper
care been kept off for one generation and
there is reason to believe that by persisting
in the same course such disease might at
length be wholly eradicated. This important
subject was little regarded though of the greatest
importance. Family constitution are as capab-
le of improvement as family estates — the
libertine who impairs the more ge-
neral injury to his masterly — then the
prodigal who squanders away the other

Note *

The redemonians condemned those King Arc-
turus for having married a weak puny woman —
because said they instead of propagating a
race of heroes you will fill the Throne with
a progeny of changelings — The same
letter law were in certain cases forbid
to have any manner of commerce with
such diseased persons — and indeed it call
this all wise legislator ought to have a

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a special regard to some circumstances
called poisons have actually been found to
merry - this is an evil you facilitated him
a natural deformity and habitual misery
and therefore requires a public consideration

Of Colds and Coughs page 189 -

it has already been asserted that colds are the
effect of an obstructed perspiration - the con-
course of which we have likewise endeavoured
to point out and shall not hear repeat them -
A physician shall sufficient time in enumerating
all the various symptoms of colds as they are
generally known it may not how-
ever be amiss to observe that almost every
cold is a kind of fever which only differs in de-
gree from some of those that have already
been treated of -

no age sex or constitution is exempted from
this disease neither is it in the power of any man
- to give an regimen to prevent it - the inhabitants
of every climate are liable to catch cold or even
the greater or circumflexion defend them at all
times from its attack - indeed if the human body
could be kept constantly in an uniform degree
of warmth such a thing as certainly could

would be imperfible - but as that cannot be affected by any means, the perspiration must be liable to many changes - such changes however, when small do not affect the health, but when great they must prove hurtful when apprehension of the breast a stuffing of the nose unusual weariness pain at the head &c give gremes to belieue that the perspiration is obstructed or in other words that the person has a cough cold he ought immediately to leave his diet or leave the usual quantity of his solid food, and to abstain from all kinds of strong liquors - instead of flesh fish eggs - with a rather nourishing diet he may eat light bread, puddings, veal or chicking broths, poulard gruel and such like - his drinks may be water gruel sweetened with a little honey, or infusion of balm or vinegared sharpened with the juice of orange or Lemon - decoction of barley and liquorice with saffron and orange other cool diluting acid Liquor, alone all his supper should be light - as small porret or water gruel sweetened with honey, and a little toasted bread in it - if honey should disagree with the stomach the gruel may be sweetened with treacle or cooife sugar, and sharpened with the jelly

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Salty of currants those who have been accustomed to generous liquors may take wine they instead of gruel which may be sweetened as above. — The patient ought to lie longer than usual a bed and to encourage a gentle sweat which is easily brought on towards morning by drinking tea or any kind of warm digesting liquor. I have often known this practice carry off a cold in one day which in all probability had it been neglected would have cost the patient his life. or have confined him for some months. — Good people sacrifice a littel time to ease and warmth and practise a moderate degree of abstinence when the first symptoms of cold appears we have reason to believe that most of the bad effect which flow from an abstinence perspiration might be prevented. But after the disease has gathered strength by degrees it will be to remove it often prove vain — A pleurisy a peripneumony or a fatal confection of the lungs are the common effect of colds which have either been totally neglected or treated improperly —

Many attempt to cure a cold by getting down

friends — But this to say no worse a it is —
 very hazardous experiment — No dout it may
 sometime succeed, by suddenly restoring the
 the perspiration — but when there is any
 degree of inflammation, which is frequently
 the case — strong liquors instead of removing the
 malady, will increase it — By this means a com-
 mon cold may be converted into an inflammatory
 fever — When those who Labour for the poor
 daily, bread have the misfortune to catch cold
 they can not afford to lose a day or two in order to
 keep them knees warm and like a little sudor-
 ife by which means the disorder is often so
 aggravated as to confine them for a long time or
 even such as the Labouring poor as can afford to take
 care of them at less one often too tired to do it —
 they effort to despose cold and a lung as they can
 crawl about seem to be confined by what they
 call a common cold — Hence it is that colds dir-
 ectly such numbers of mankind —
 like an enemy despised they gather strength
 now delay till at length they become invincible
 we often see this verified in Travellers who
 neither men lose a day in the prosecution of
 their business — throw away their lives by pur-
 suing their journey —

rarely used in the severest weather - with this
 disease when there it is certain however that cold may
 be too much indulged - when person发烧 very
 slight and puts himself up in a warm room and
 drinks greater quantities of warm liquors it may
 occasion such a general relaxation of the solids
 as will not be easily removed it will there
 fore be proper when the disease will permit
 in the weather is mild to join to the regimen
 mentioned above gentle exercise as walking
 riding on horseback or in a carriage &
 gentle exercise and proper regimen of the
 diet - Bathing the feet and legs in warm
 water has a great tendency to restore the
 respiration - But care must be taken
 that the water be not too warm otherwise
 it will do hurt - it should never be more than
 on them the blood and the patient should go immedi-
 ately to bed after using it - Bathing the feet in
 warm water lying in bed and drinking warm
 water gruel or other weak liquors will sooner
 take off a fever and restore the respiration
 than all the hot sudorific Medicines in

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in the world - This is all that is necessary for
removing a common cold and if this course
be taken at the beginning it will seldom
fail - — But when the symptoms do not
yield to abstinence - warmth and diluting
Liquors, there is reason to fear the approach
of some other disease, as an inflammation of
the brain or an ardent fever on the like -
if the pulse there be hard and frequ-
ent - the skin hot and dry - and the patient
complains of his head or breast it will be
necessary to bleed and to give the cooling
Pocader recommended in the Scarlet
Fever every three or four hours till
they give a stool - it will likewise be
proper to put a blistering plaster on the
back - to give two Table Spoonsful of the Wine
mitaine ever two hours and in short to treat
the patient in all respects as for a flight fever
I have often seen this course when done
at the beginning remove the complaint
in two or three days when the patient had
all the symptoms of an approaching ardent

acute fever or an inflammation of the breast
The chief secret of preventing colds and in
taking care when the body is liable to get
it cool gradually - These and other circumstances
relating to this important subject are so fully
treated of under the article abstinent physician
that it is needless here to recur to the con-
sideration of them -

of a Common Cough page 191 -

A cough is generally the effect of a cold which has
either been improperly treated or entirely neg-
lected - When it becomes obstinate there is always
reason to fear the consequences as this disease
a weak state of the lungs and often the precursor of
a consumption - if the cough be violent and the
patient young and strong with a very quick pulse
bleeding will be proper - but weak and old
patients bleeding rather prolongs the disease -
When the patient spits freely bleeding is benefi-
cial and sometimes hurtful as it tends to lessen
the discharge - When the cough is not attended
with any degree of fever and the sputhe is soft
and tough such pastoral medicines are to be
administered - as ammoniac - will & two table-

table spoonful of the ^{3d} solution of gum ammoniac
may be taken three or four times a day more or less
according to the age and constitution of the patient.
Squills may be given various ways - two ounces
of the vinege - the oxymel. or the syrup may
be mixed with the same quantity of simple
cinnamon water to which may be added an ou-
nce of common water and an ounce of balsamic
syrup - two table spoonfuls of this mixture
may be taken three or four times a day -
all Syrups made of equal of Lemon juice honey
and sugar candy is likewise very proper in
this kind of coughs - A table spoonful of it
may be taken at pleasure.

But when the affection is sharp and thin
these medicines rather do hurt - in this case
gentle spirits oil and mucilages are more pro-
per - A cup of an infusion of sassafras leaves and
Mallow root, or the flowers of 10. 12. foot
may be taken frequently or a tea spoonful of the
boregaric elixir may be put into the patient's
mouth twice a day further Spanish infusion is
also a very proper medicine in this case and may
be taken in the quantity of a tea cupful three
times a day or four - — When cough is
occasionsed by venial humours tickling the

to the throat and causes the patient should keep
some soft pectoral lozenges almost constantly
in his mouth - as the pectoral liquorice & ho-
tulic sugar the common balsamic lozenges
Spanish juice &c - These blunt the violence
of the humours and by taking off their stimul-
ating quality help to appease the cough -
in obstinate coughs proceeding from a flux
of humours upon the lungs it will often be
necessary besides expectorating medicine
to have recourse to issues fetors or vomit the
drown - in this case I have often observed the
most happy effect from a Burgundy pitch
plaster applied between the shoulders -
I have ordered this simple remedy in the
most obstinate coughs in great number of
cases and in many different constitutions
without ever knowing it fails to give relief im-
less where there are evident signs
of an ulcer in the lungs - At the bustle of
putting up Burgundy pitch may be placed
upon a piece of soft leather about the size of the
hand and lie between the shoulders blades -
it may be taken off and wiped every three hours

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your days and ought to be renewed once a fortnight or three weeks. This is indeed a cheap and simple medicine and consequently apt to be despised - but we will venture to affirm that the whole Medicina medica - does not afford an application more efficacious in almost every kind of cough it is not indeed always an immediate effect - but if kept on for some time it will succeed where most other medicine fails — The only inconvenience attending this plaster is the itching which it occasions - but surely this may be dispensed with considering the advantage which the patient may expect to reap from the application. Besides - when the itching becomes very uneasy - the the plaster may be taken off and the part rubbed with a dry cloth or washed with a little warm milk and water —

Some caution indeed is necessary in discontinuing the use of such a plaster - This however may be safely done by making it smaller by degrees and at length quitting it altogether in a warm season —

But ought proceed from many other causes to be after application upon lungs - in these cases the cure is not to be attempted by particular medicines - this is a cough proceeding from a disorder

faintness and debility of the Stomach Syrups oils
 mucilages and all kinds of balsamic medicines
 do hurt the Stomach cough cougs may be known
 from one that is owing to a fever in the lung
 by this that is in the latter the patient coughs
 whenever he inspires or draws in his breath
 fully but in the former that does not happen
 — The cure of this cough depends chiefly
 upon cleansing and strengthening the Stomach
 for which purple gentle comfits and bitter
 purgative are most proper — Thus after a comfit
 or two the same tincture as it called may be
 taken for a considerable time in the sale of one
 or two table spoonful twice a day or as often as it is
 found necessary to keep the body gently open perhie
 may take this tincture then letues by itself in an
 ounce of henn ginen + in an English pint of
 white wine sitting stand a few days and then
 straining it — in cough which proceed from
 a debility of the Stomach the Peruvian bark
 is likewise of a considerable service —
 it may either be chewed taken in powder
 or made into a tincture wryng with other Stom
 achic bitters — A nervous cough can only be

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be removed by change of air and proper exercise - to which may be added the use of gentle opiate - instead of the soporaceous pills the panegonic elixir &c which are only opium disguised ten fifteen twenty or twenty drops of Liquid Laudanum more or less as circumstance require - may be taken at the time or when the cough is most troublesome in moving the feet and hands in warm weather will often alleviate the violence of a nervous cough - When a cough is only the symptom of some other malady it is in vain to attempt to remove it without first curing the disease from which it proceeds - Thus when a cough is occasioned by cutting keeping the body open scarifying the gums or whatever facilitates the cutting of the teeth likewise applies the cough in like manner when worms occasion a cough such medicines as remove these vermin will generally cure the cough - as bitter purgatives cold clysters and such like - Women during the last months of pregnancy are often greatly afflicted with a cough which is generally relieved by bleeding and keeping the body gently open - they ought to avoid all glutinous food

food and to wear a loose easy dress -

A cough is not only a symptom, but is often taken
as the forerunner of a disease. Thus the ~~gout~~³⁷
is frequently ushered in by a very troublesome
cough, which affects the patient for some days
before the coming on of the fit. This cough is ge-
nerally removed by a paroxysm of the gout
which should therefore be promoted by keeping
the extremities warm drinking warm liqu-
ors and bathing the feet and legs frequently
in lukewarm water -

of the Colic page 202 -

The colic has a great resemblance to
the gout proceeding attended with costiveness, con-
vulsive pain of the bowels - and requiring the same
diet evacuations fermentations &c -

Colics are variously denominated according to
their causes - as the flatulent the bilious the
hysteric - the nervous &c as each of these
require a particular method of treatment
we shall point out their most generall
symptoms and the means to be used for their
relief - The flatulent or wind colic is genera-
lly occasioned by an indisposed use of

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If unripe fruits - meats of hard digesting
windy vegetables & fermenting liquors and such
like - it may likewise proceed from an
obstruction, by concretion, or catching cold -
delicate people whose digestive organs are weak
are most liable to this kind of colic -

The flatulenter colic may either affect the stomach or intestines - it is attended with a painful stretching of the affected part - The patient feels a rumbling in his guts and is generally relieved by a discharge of wind, either upwards or downwards - The风 is seldom confined to any particular part as the vapour wanders from one division of the bowels to another till it finds a vent - When the disease proceeds from wind liquor, greens, fruit, four herbs or the like, the best medicine in the first appearance of the symptoms, is a dram of brandy, gin or any good spirits - The patient should likewise sit with his feet upon a warm hearted stone or apply warm linick to them - and warm cloths may be applied to his Stomach and bowels - This is the only colic wherein violent spirits
excite or any thing of a hot nature may be vented upon - Nor indeed are they to be used here unless at the very beginning before any symptom.

Symptoms of an inflammation appear — We have reason to believe that a colic occasioned by wine or flatulent food might always be cured by Spiritis and warm Liquors if they were taken immediately upon perceiving the first uneasiness. But when the pain has continued for a considerable time and there is reason to fear an inflammation of the bowels it already begins all hot things are to be avoided as poison and the patient is to be treated in the same manner as for the inflammation of the intestines. —

Several kinds of food as honey eggs &c occasion colics in some particular constitution. — I have generally found the best method of cure for those who to drink plentifully of small diluting liquor as water y nuel small posset water with toasted bread soaked in it &c. —

Colics which proceed from excess and indigestion generally cure themselves by occasioning vomiting or purging — These discharges are by no means to be stopt but promoted by drinking plentifully of warm water or weak posset water. Their violence is over the patient may take

take a dose of rhubarb or any other gentle purge
to carry off the drosses of his debauch -
Catarrhs which are occasioned by wet feet or
catching cold may generally be removed
at the beginning by bathing the feet and
legs in warm water and drinking such warm
diluting liquors as will promote the per-
spiration. as weak wine whey or water gruel
with a small quantity of Spiritis in it those
stagnant catarrhs which prevail so much among country
people might generally be prevented were they
conceit to change their clothes when they get
wet - They ought like wise to take a draught
or drink some warm liquor after eating any kind
of green trash - We do not mean to recommend the
practice of dram drinking, but in this case an
enfusado more a real Medicine, and indeed the
best that can be administered - A glass of good
peper mint water will have nearly the same effect
as a glass of brandy and in some cases is rather to
be preferred - The Bilious catarrh is attended with
very acute pains about the region of the navel -
He vomits a hot bitter yellow coloured bile
which being discharged seems to afford some rel-
ief but is quickly followed by some violent
pains as before - as the distemper advances the

the propensity to vomit sometimes increases so as to become almost continual and the propagation of the intestines is so far prevented by this alone all the symptoms of an impending illness happen -

if the patient be young and strong and the pulse full and frequent it will be proper to bleed often which clysters may be administered on whey or gruel sharpened with the juice of lemon or cream of tartar must be drunk freely -

Small chicken broth with a little manna dissolved in it or a slight decoction of lancanum likewise very proper or any other thin acid opening liquor - Besides bleeding and plentiful dilution - it will be necessary to foment the Belly with cloths dipped in warm water and if this should not succeed the patient must be immersed up to the breast in warm water in the bilious colic the vomiting is often very difficult to restrain when this happens the patient may drink a decoction of toasted bread or an infusion of garden mint in boiling water Should these not have the desired effect the saline draught with a few drops of Laudanum in it may be given and repeated according

According to the urgency of the symptoms -
A small quantity of venice treacle may be spread
in form of a cataplasma and applied to the pit of the
stomach - Chysters with proper quantity of venice
treacle or liquid Santonum in them may
likewise be frequently admistred - we
are liable to frequent returns of the bilious
colic Should we flesh sparingly and live
chiefly upon a light vegetable diet they shou-
uld likewise take frequently a dose of cream
of tartar with tamarinds or any other root acid
juice - The hysterical colic bears a great re-
semblance to the bilious it is attended with acute
pain about the regions of the stomach vomiting &c
but what the patient vomits in this case is amonnt
of a greenish colour - There is a great sinking
of the spirits with dejection of mind and diffi-
culty of breathing which are the characteristic
symptoms of this disorder - Sometimes it is
accompanied with the passage by gene-
rally gone off of its own accord in a few days
in this case all evacuations as bleeding per rectum
vomiting &c do hurt - Every thing that we find
the patient or sinks the spirits is to be avoided
if however the vomiting should prove violent
lukewarm water or small posset may

may be drank to cleanse the stomach after-
wards the patient may take fifteen twenty
or twenty five drops of liquid Laudanum
in a glass of cinnamon water - This may be
repeated every ten or twelve hours till the
symptoms abate .

The patient may likewise take four or five
of the foctid pills every six hours and drink
a cup of Penny royal tea after them if afe-
tive should prove disagreeable which is some-
times the case a teacoonful of the tincture
of castor in a cup of Penny royal tea or this
by on forty drops of the balsam of Peru
dropp'd upon a bit of loaf sugar may be
taken in its stead - The anti hysterie
Pector may be also used which has often a
good effect - The nervous colic prevails among
masses of molasses of Lead Plumbous the manufac-
ture of whit Lead is it is very common in the
older counties of England and is supposed to be
seasoned by the lead vessels used in preparing
that liquor - it is likewise a frequent disease
in the West Indies where it is termed the

the dry belly aches —

No disease of the bowels is attended with more
excruciating pain than this — nor is it soon over
and I have known it continue eight or ten days
with little intermission. The body all the while
continuing bound in state of asthme, yet at length
yields and the patient recovers — it generally however
leaves the patient weak and often ends insomuch
the general treatment of this disease is so nearly
the same with that of the other Inflammation or infla-
mation of the guts, that we shall not infist
upon it — The body is to be opened by white
Purgative given in small doses and frequently
repeated and their operation must
be assisted by soft oile clysters fomentation
etc — The castor oil is reckoned peculiarly
active in this disease — it may both be made
so with the clysters and given by the mouth
The Barbadoes tar is said to be an efficacious
medicine in this complaint — it may be taken
to the quantity of two drachms three times
day or often if the stomach will bear it —
This tar is mixed with an equal quantity of
strong rum is likewise proper for rub-
bing the shins in case any thing goes wrong

other symptom of Putrefaction - when
the tar cannot be obtained, the bark may
be rubbed with Strong Spirits or a little oil
of nutmegs or of rosemary -

If the patient remains weak and languid after
the disease he must take exercise on land & the
use an infusion of Peruvian bark in wine
when the disease ends in a puffy the bath will
be found to be extremely proper -

To avoid this kind of colic, people must than all
unfruits acid and any other liquor &c Those
who work in Lead ought never to go to their business
fasting and their food should be oily or fat
They may take a glass of Sallad oil with a
little brandy or rum every morning; but
should frequently a little out of the trinkets
in - and should never suffer them selves to be
cystive - in the West Indies and on the coast
of Guinea, it has been found of great use for
preventing this colic to wear a piece of tan-
nel round the waist and to drink an infusion
of ginger by way of tea - sundry other kinds
of this disease may be mentioned, but too
numerous distinction would tend only to perplex
the reader, those already mentioned are the most
material and should indeed be attended less than
indication is very different - But even therefore

persons who are not in condition to drink at all
very accurately in these matters may nevertheless
be of great service to the patient in colic of every
kind by only observing the following general
rule viz to bathe the feet and legs in warm
water to apply bladders filled with warm straw
or cloths dipped in it to the stomach and bowels
to make the patient drink freely of stimulating
mucilaginous Liquor and to give him an
enlarged Clyster every two or three
hours — Should these not succeed the patient
ought to be immersed in warm water —

1873

when quicksilver is given in too large quantity it
defeats its own intention as the drags down the
bottom of the Stomach which prevents its getting
near the pylorus — in this case the patient
should be hung up by the heels in order
that the quicksilver may be discharged by
the mouth —

1873

as the smoke of tobacco thrown into the
bowels will often procure a stool when
all other means have failed an apparatus
for this purpose ought to be kept by

by every physician - it may be purchased
at a small expence, and will be so serviceable
in several other cases as the recovery of
drowned persons &c.

Copied from Buchan domestic Medicine.

of the Cholera Morbus and other excretive
discharges from the Stomach and Bowels -
page 211

The cholera morbus is a violent purging
and vomiting attended with gripes & pain
and a constant desire to go to stool it comes
on suddenly and most common in autumn. There
is hardly any disease that kills more suddenly
than this when proper means are not used
in due time for removing it.

Choleras — it is occasioned by a redundancy
and putrid acrimony of the bile - cold food
that easily turns mucusid or sour on the
Stomach - a butter, bacon, sweet meat, cucumbers,
melons - cherries and other cold fruits
it is sometimes the effect of strong wine
poisoned or venous, or of poisonous substances

substances taken into the stomach -
it may take wire proceed from violent
passion or affection of the mind - as
seen among Drs -

Symptoms - it is generally preceded
by cardiaxia or heart-burn surbling -
hissing and flatulencies with pain of the
stomach and intestines - To these succeed
excessive vomiting, and purging of green
yellow, or blackish coloured bile with a
distension of the stomach, and violent gnashing
of the teeth - There is likewise a great thirst with
a very quick unequal pulse, and often a利ed
acute pain about the regions of the navel
As the disease advance, the pulse often
fails so low as to become quite imperceptible - The extremities grow cold or numbed
and then covered with a clammy sweat the
urine is obstructed, and there is a palpitation
of the heart, violent hiccuping, fainting
and convulsions are the signs of the approach-
ing death -

Medicine - At the beginning of the disease the
first of all to relief the affording cause
should be effected by promoting the purging

purgings and vomiting - for this purpose the patient must drink freely of thickening liquor as whey, butter milk, warm water thin water gruel - small豹子 or what is most appropriate for him to any of them very weak chicken broth. this should not only be drunk plentifully to promote the vomiting, but also often if it given every hour in order to promote the purging — after these evacuations have been continued for sometime a decoction of two stale oat bread may be drunk, to stop the vomiting. the bread should be toasted till it is of a brown colour and afterwards boiled in spring water - if oats bread cannot be had wheat bread or oat meal well toasted may be used in its stead - if this does not quiet the vomiting two table spoonfuls of the saline julep with ten drops of laudanum may be taken every hour till it ceases. The vomiting and purging however ought to manner to be stopped too soon as long as these discharges do not weaken the patient they are salutary and may be allowed to go on or rather ought to be promoted - but

but when the patient is weakened by the
excretions which may be known from
the faintness of his pulse &c - recovery
must be immediately be had to opiate
as recommended above, to which may be add'd
strong wine with spirituous cinnamon
waters whey will likewise be necessary
to support the patient's spirits and promote
the perspiration - his legs should be
bathed in warm water and afterwards with flan-
nel cloths or wrapped in warm blankets and
warm bricks applied to the sole of his
foot - Islands wrung out of warm spirituous fomenta-
tion shall be applied to the regions of the Stomach -
when the violence of the disease is over to prevent a
relapse, it will be necessary for some time to continue
the use of small doses of Leadum - Ten or
twelve drachms may be taken in a glass of wine or
leath twice a day, for eight or ten days - The patient
had ought to be walking, but taken in small
quantities and he should use moderate exercise -
as the Stomach and intestines are gone very mu-
ch weakened an infusion of the bark another
bitter in small wine sharpened with the addition
of vitriol may be drank for some time -
Through physicians are seldom called in the

the time in this disease they ought not to
despair of recovering the patient even in the
most deplorable circumstances - of this I will
now give a very striking proof in an old man and his
son. who had been both seized with it about the
middle of the night - I did not see them
till next morning when they had assumed
the appearance of dead then of living men -
no pulse could be felt - the extremities
were cold and rigid - the countenance was gh-
astly - and the strength almost quite ex-
hausted - yet from this deplorable condition
they were both recovered by the use of
Opiats and cordial Medicines —

Of diarrhoea or Loofiness

page 213-

A Loofiness in many cases is not to be
confidened as a disease but rather as a fol-
lowing evacuation - it ought therefore never
to be stopped unless when it remains too
long or evidently weakens the patient -
as this however sometimes happens, we in
all point out the most common cause of
a loofiness with the proper methods of

of treatment —

When a lofenges is occasioned by catching cold or an obstructed perspiration the patient ought to keep warm to drink freely of weak, diluting liquors, & with his feet and legs frequently in luke-warm water — to wear flannel next his skin and to take every other method to restore the perspiration —

In lofenges which proceeds from excess of repletion — a vomit is the proper medicine — vomits not only cleanse the stomach but promotes all the secretion which renders them of great importance in curing of a debauch — half a dram of Beccanatha in powder will answer this purpose very well — A day or two after the vomit the same quantity of rhubarb may be taken and repeated two or three times if the lofenges continues — The patient ought to live upon light vegetable food & easy digestion and to drink whey thin gruel and barley water — Lofenges occasioned by the obstruction of

of any customary evacuation generally requires bleeding) - if that does not succeed other evacuation may be substituted in
in the room of those which are obstructed -
at the same time every method is to be taken
to restrain the usual discharge as not only
the cure of the disease but the patient's
life may depend on this -

A periodical loofeney ought never to be
stopped - it is always an effort of nature to
carry off some offending matter which
if retained in the body might have fatal
effects - Children are very liable to this
kind of loofeney especially while teeth
are coming - it is however so far from being
hurtful to them that such children gen-
erally get their teeth with less trouble
if those loose stools should at any
time prove sour or gritting a few spoonsfuls
of magnesia alba with four or five gr-
ains of rhabat may be given to the child
in a little porridge or any other food - this
is repeated three or four times will gene-

generally correct the acidity and carry
of the griping stools —

A diarrhoea or loquacity which proceeds
from violent passion or affection of the
mind must be treated with the greatest
caution vanitas in this case are highly
inproper — Nor are purges safe unl
ess they be mild and given in small
quantities. Aperients and other antispasmodic
medicine are most proper ten
or twelve drops of Liquid Laudanum
may be taken in a cup of valerian or
kennedy royal tea every eight or ten hours
till the symptoms abate. Ease cheer
fulness and tranquillity of mind are here
of the greater importance —

When a loquacity proceeds from acrid or
noxious substances taken into the stomach
the patient must drink large quan
tities of diluting liquors with air or per
Bouth to stimulate vomiting and purging
After if there be reason to suspect that
the bowels are inflamed bleeding will
be necessary — small doses of laudanum

Laudanum may likewise be taken to remove their irritation.

When the gout nephritic from the extremities occasioned a Loofness it ought to be removed by gentle doses of rhubarb or other mild purgatives. The gouty matter is likewise to be salivated towards the extremities by warm fermentations - cataplasms &c.

The perspiration ought at the same time to be promoted by warm diluting Liqueur or wine whey with Spirit of hartshorn or a few drops of liquid Laudanum in it.

When Loofness proceeds from worms which may be known from the fliminess of the stools mixed with pieces of decayed worms &c. Medicines must be given to kill and carry off those vermin as the powder of tin with purge of rhubarb and calomel afterwards lime water either alone or with a small quantity of rhubarb infus'd will be proper to thinning them the bowels and prevent the new generation of worms.

A Loofness is the common Complaint

drinking bad water - when this is the case
the simple gravity, passes identical.
When there is reason to believe that the ordinary
other disease proceed from the use of untho-
ught some water - it ought immediately to be
changed or if this cannot be done it may be
corrected by mixing with it quick lime
Chalk, or the like -

In people whose stomachs are weak
violent exercise immediately after eating
will occasion a languor, - though the cure of
this is obvious yet it will be proper besides
avoiding violent exercise to use such medi-
cines as tend to brace and strengthen the stomach
as infusion of bark with other tinctures
and aromatic ingredients in what sume
such persons ought to receive it take fre-
quently a glass or two of strong port or gin
shrub -

To know what causes a lofseepf pro-
ceeds - when it is found necessary to check it
the diet ought to consist of nice boiled with
milk and flour, with cinnamon - nice jelly
eggs with red beet and the like & forth

parts of flesh was roaster. The drink may
be thin water, gruel, rice water or weak broth
made from lean veal or with a sheep's head
so being more glutinous than mutton beef
or chicken broth.

Persons who from a peculiar weakness are
greatly irritable, & the bowels are liable
to the bowels are liable to frequent returns
of the disease should live temperately avoiding
over summerfruit all unwhole some food and
meats of bad digestion. They ought likewise
to beware of cold Morton or whatever may obstruct
the perspiration, and should wear flan-
nel next their skin. All violent passions
as fear, anger &c are likewise carefully to
be guarded against.

of Vomiting page 215

vomiting may proceed from various causes as
such as eating and drinking foully to the
stomach. This a rising of the humor
a transmutation of the morbidic humor of the
gut, the crystallas, or other depositions
of the stomach. it may likewise proceed

proceed from colic having been too
violently stopped from the glaxy resto-
ration - evacuations - as the bleeding piles the
menstrus &c from weakness of the stomach. the
vulic idea - passion - a suffusion - a fit of the gra-
uel - worms - or from any kind of poison taken
into the stomach - it is an usual symptom
of injuries done to the brain - as contusions
constriction &c - it is likewise a symptom
of wounds or inflammations of the dia phragm
intestines spleen - liver kidneys &c

Vomiting may be occasioned by unusual mo-
tions - as sailing - being drawn backwars
in a cart or coach &c - it may likewise
be excited by violent passion or by the idea
of noxious or disagreeable objects. espe-
cially of such things as have formerly
produced vomiting - sometimes it proceeds
from a regurgitation of the into the stomach.
In this case what the patient vomits
generally of yellow or greenish colour
and has a bitter taste - persons who are su-
ceptible to nervous affections one often sud-
denly seized with violent fits of vomiting
Lastly vomiting is common symptom of

of pregnancy - in this case it generally comes on about two weeks after the beginning of the month and continues during the first three or four months —

When vomiting proceed from a foul stomach or indigestion, it is not to be confounded as a disease - but as the cure of idleness is ought therefore to be promoted by drinking Lukewarm water or their gruel - if this dose not put a stop to the vomiting a dose of sippacuanha may be taken and washed off with weak camomile tea.

When the retroception of the bowels or the obstructions of customary evacuations occasions vomiting all means must be used to restore these discharges - or if they cannot be effected their place must be supplied by other - as bleeding, purging, bathing, the enemas in warm water, opening issues, detors, purgative blisters &c

When vomiting is the effect of pregnancy it may generally be mitigated by bleeding or keeping the body gently open - The bleeding however ought to be in small quantities volume and the purgative should be of the mild kind as figs dried prunes marmalade or Jamina —

Tumors - pregnant women are most apt to vomit in the morning immediately after getting out of bed - which is owing partly to the change of posture but more to the emptiness of the Stomach. It may generally be prevented by taking a dish of coffee, tea or some light breakfast in bed. Pregnant women who are affected with vomiting ought to be kept dry both in body and mind - They should neither allow their Stomachs to be quite empty - nor should they eat much at once. Cold water is very proper drink in this case if the Stomach is weak a little brandy may be added to it - if the spirits are low and the persons apt to faint - a spoonful of cinnamon water with a little marmalade of quinces or oranges may be taken -

Harrington proceeds from weakness of the Stomach bitters will be of service -

Burkeen bark infused in wine or brandy with as much rhubarb as will keep the body constantly open is an excellent medicine in this case - The extract of vitriol is also a good medicine it may be taken in the dose of

of fifteen or twenty drops twice or thrice
a day in a glass of wine or water - habitual
vomiting are sometimes alleviated by making
oysters a principal part of diet —
Vomiting which proceeds from acidities
in the Stomach is relieved by Alkaline
purges — The best medicine of this
kind is the magnolia officinalis I have found
of which may be taken in a drachm of tea
or a little milk three or four times a day
or often if necessary to keep the body open
When vomiting proceeds from violent pa-
ssion or affections of the mind all emetics
must be carefully avoided especially
vomits these are exceedingly dangerous the
patient in this case ought to be kept perfe-
ctly easy and quiet to have the mind soothed
and to take some gentle cordial as
negus or a little brandy and water to which
a few drops of Laudanum may occasionally
be added —

When vomiting proceeds from spasmodic
affections of the Stomach of the stomach
musks - costum and other antispasmodic

antispasmodic medicines. one of use
warm and aromatic plasters have likewise
wore a good effect - The Stomach plaster
of the London or Edinburgh dispensatory
may be applied to the fit of the stomach.

Or. on a plaster of theriaca which will
answer rather better - Aromatic medicines
may likewise be taken inwardly
cinnamon or mint tea wine with officinæ
boiled in it &c - The region of the stomach
may be rubbed with aether or if that
cannot be had with strong brandy
or other spirits - The belly should be
comminuted with warm ~~butts~~

I have always found the saline draught
taken in the act of offensive fits, of a singular
use in stopping vomiting from
whatever cause it proceeded - This may
be prepared by dissolving a drachm of the
salt of tartar in an ounce and a half of fresh
lemon juice and added to it an ounce of pepper-
mint water the same quantity of simple cin-
namon water and a little white sugar - This
draught must be swallowed before the offend-
ing vapour is quite over and may be

be repeated every two hours or often if
the vomiting be violent. A violent vomiting
has some times been stopped by cupping
on the regions of the stomach after all
other means had failed.

As the patient will often bring the vomit-
ing again even after it has been stop-
ped the physician must avoid all manner
of action - The diet must be so regulated
as to rest easily upon the Stomach and
nothing should be taken that is hard
of digestion - we do not however mean
that the patient should live entirely
upon slops - Solid food in this case often
fits easier on the Stomach than liquid.

inflammation of the Liver page 404

The Liver is less subject to inflammation
than most of the other viscera, as in it the
circulation is slower - but when an inflam-
mation does happen it with frequently nervous
and often ends in suppuration or carbuncles
Erysipelas - Besides the common causes of
inflammation we may hear rather the

The following, viz) exceptive fevers &c &c
which the Liver is self violent strokes from
strong winds. when the Liver was before uniform
and robust or abrabitionian state of the blood
very thing that suddenly cools the Liver often
it has been greatly heated then obstructing
the course of the bile drinking strong wine
or spirituous liquors using hot spice. & some
obstinate hypochondriacal affection &c -

Symptoms This disease is known by a painful
tension of the right side under the false ribs attend
ed with some degree of fever a loss of
weight or fulness of the heart difficulty of
breathing loathing of food great thirst with
a pale or yellowish colour of the skin and
eyes

The Symptomes here are various according
to the degree of inflammation and likewise accom-
panying to the particular part of the Liver were
the inflammation happens - Sometimes the pain
is so inconsiderable that an inflammation
is not so much a suspecte but when it happens
in the upper or cancre part of the Liver the pain
is more acute the pulse quicken and the patient
is often troubled with a dry cough a hiccup
and pain extending to the shoulder with difficulty
of lying on the left side &c This disease

disease. may be distinguished from the pleuritic, by the pain being less violent seated under the false ribs the pulse not so hard and by the difficulty of laying on the left side - it may be distinguished from hysterical and hypochondriac disease by the degree often with which it is always attended

This disease if properly treated, is seldom mortal - A constant hacking violent fever and excessive thirst are bad symptoms if it ends in a suppuration and the matter cannot be discharged outwardly - the danger is great - when the skin has of the liver enfeves, the patient if he observes a proper regimen may never the less live a number of years tolerably easily - but if he indulge in animal food and strong Liquor or takes medicines of an acid or irritating nature the skin will be converted into a cancer which must infallibly prove fatal
Regimen - The same regimen is to be observed in this as in other inflammations & disorders - all hot things are to be carefully avoided, and cool diluting Liquors as whey, barley waters &c drink freely - The food

face must be light and thin and the body as
as the mind keeps easy and quiet —

Medicine — Bleeding is proper at the beginn-
ing of this disease, and it will often be neces-
sary soon though the pulse should not
feel hard to repeat it. All violent purgative
are to be avoided — the body however must
be kept gently open — A decoction of tamaris-
tols, with a little honey or manna, will ans-
wer this purpose very well — The affected
parts be fomented in the manner directed in
the foregoing diseases — Mild laxative
clysters should be frequently administered —
and if the pain should notwithstanding con-
tinue violent a blistersing plaster may be
applied over the part affected —

Medicines which promote the secretion
of urine have a very good effect here — for
this purpose half a drachm of purified
vitriole or tea spoonfull of the sweet
spirits of vitre, may be taken in a cup of the
patient, drinck three or four times a day —
when there is an inclination to sweat it ought
to be promoted but not by warm Sudorifice —
The only thing to be used for that purpose

purpose is plenty of diluting drink about
the warmth of the human body indeed the
patient in this case as well as in all others
topical inflammation - ought to drink noth-
ing that is cold than the blood -

of the stools should be loose and even
streaked with blood no means must be used
to stop them unless they be so frequent as to
weaken the patient - loose stools often pro-
duce critical and carry of the disease -
if an abscess or importhume is formed in
the Liver all methods should be tried
to make it break and discharge itself
outwardly as fomatation - the application
of poultices ripening cataplasm &c
sometimes indeed the matter of an abs-
cess come away in the urine and sometimes
it discharged by stool but those are efforts
of nature which no means can promote
when the abscess bursts into the cavity of
the abdomen at large death must ensue
nor will the event be more favourable when
the abscess is opened by an incision in
less in case where the liver adheres to
the Peritonaeum so as to form a bay

bag for the matter. and prevent it from
falling into the cavity of the abdomen -
in which case opening the abdomen
by a sufficiently large incision will prob-
ably save the patient life - if the disorder
is spite of all endeavour to the contrary
should end in a scirrhus the patient must
be careful to regulate the diet &c -
in such a manner as not to aggravate the
disease - he must not indulge in flesh
fish strong liquors or any high seasoned
or salted provisions - but should for the
most part live on mild vegetables as pump-
kins and carrots - taking gentle exercise and
drinking whey barley water or butter
milk - if he takes any thing stronger
it should be fine mild ale which is less
heating than wine or spirits - we sha-
ll take no notice of inflammation of
the other viscera - They must in general
be treated upon the same principles as
those already mentioned - The chief rule
with respect to all of them is to let blood

blood to avoid every thing that is strong
or of a heating nature to apply warm
fomentations to the part affected and to caus
the patients to drink a sufficient quantity
of warm dilating Liquor -

The Laborious page 27th —

Though those who follow laborious empl[oy]ment
are, in general the most healthy of mankind yet
the nature of the occupation and the place
where they carry on expose them more per-
ticularly to some diseases Husbandmen for ex-
ample are exposed to all the vicissitudes of the
weather - which in this country are often very
great and sudden and occasion colds coughs
quinsies rheumatism fevers and other in-
dispositions - They are likewise forced to work
hard and often to carry burdens above their
strength which by overstraining the vessels
occasion asthma ruptures pleurisies &c
Those who Labour with out doors are often
afflicted with intermitting fevers or agues
occasionsed by the frequent vicissitudes
of heat and cold poor living bad water

water. Sitting or lying on the damp ground
causing dews night air &c to which they are
frequently exposed —

Such as bear heavy burdens as porters
Labourers &c are obliged to draw in the air
with much greater force and also to keep their
Lungs distended with more violence than is nec-
essary for common respiration - by this means
the tender vessels of the lungs are overstrained
and often burst insomuch that a spitting of blood
of fever ensues Hippocrates mentions an
instance to this purpose of a man who when a wagon
carried an ass - but was soon after feiz ed with a fever
spitting of blood and a ruptune —

Carrying heavy burdens is generally the effect
of mere Laziness which prompts people to do at
once what should be done at twice sometimes
it proceeds from vanity or emulation - hence
it is that the strongest men are most commonly
hurt by heavy burdens - hard labour or feats
of activity - it is rare to find one who want of
his strength without a ruptune a spitting
of blood or some other disease which he reaps
as the fruits of his folly - one would imagin the
daily instances we have of the fatal effect

effect of carrying great weight running
wrestling and the like would be sufficient to
prevent such practices —

There are indeed some employments which necessarily
requires a great exertion of strength, as porters.
blacksmiths, carpenters &c — None ought to follow
those but men of strong body — and they should
never exert their strength to the utmost — nor
work so long — when the Muscles are violently
strained frequent exercise is necessary — in order
that they may recover their tone — without this
the strength and constitution will soon become
soft and a premature old age be induced —

The encephalos or St Anthony's fire is a
disease very incident to the laborious — it is imp-
elled by what ever gives sudden check to the
respiration — as drinking cold water when the body
is warm wet feet keeping an wet clothes
sitting or lying on the stomach — &c —
it is impossible for those who labour with
tools always to guard against these inconveni-
ences — but it is known from experience
that their ill consequences might often be
prevented by proper care —

The shirt upon the chair — is almost al-

complaints of the bowels are often accompanied by
the same causes as the grippe - but they
may likewise proceed from intemperance
and indigestible food - Labourers generally eat unpre-
pared bread made of poor beans rye and other
similar ingredients They also devour great
quantities of unripe fruits baked & stewed or raw
with various kinds of beer another like
such a mixture cannot fail to fill the bowels
with wind and occasion disease of those parts
inflammations & ulcers and other diseases of
the extremities are likewise common am-
ong those who labour without doors These
diseases are often attributed to venom or some
kind of poison - but they generally proceed
either from sudden heat after cold in the con-
trary - when Labourers Milk maids &c come
from the field cold or wet - They run to the
fire and often plunge their hands in warm
waters by which means the blood and other hu-
mours in those parts are suddenly expand-
ed and the blood and vessels not yielding
so quickly a strangulation happens and an
inflammation and mortification ensues -
when persons come home cold they ouyst

ought to keep at a distance from the fire
for some time - to wash their hands in cold
water - and to rub them well with a dry cloth.
It sometimes happens that people are so
benumbed with cold - that they ought to be
taken home - quite deprived of the use of their
limbs - in this case the only remedy is to rub the
affected with snow - or where it cannot be had
with cold water - if they be laid near the fire or thrown
into warm water a mortification will generally
arise

Labourers in the hot season are apt to lie down
and sleep in the sun - This practice is very per-
nicious. That they often wake in a burning fever
These ardent fevers which prove so fatal about
the end of summer and beginning of autumn are
frequently occasioned by this means - when
Labourers leave a work which they ought always
to do during the heat of the day they should go
home - or at least get under some cover where
they may repose themselves in safety -
Many people follow their employment in
the fields from morning till night without eating
any thing - This cannot fail to hurt their health

health - however long their life, be they
ought to have it at regular times - in the
borders they work the more frequently they
should eat - if humours be too frequently
implanted with fresh nourishment, they
soon become putrid and produce fevers of the
very worst kind -

Many peasants are extremely careless with
respect to what they eat, or drink, and often
through mere indolence, use unwholesome
^{less} when they might for the same expence
have that which is wholesome - in some
parts of Britain - the peasants are too con-
tent - even to take the trouble of preparing
their own victuals - such people would live
upon one meal a day indolence rather than
labour though it were to procure them the
greatest affluence - fevers of a very bad kind are
often occasioned among labourers by poor living -
When the body is not sufficiently nourished
the humours become vitiated and the solids weak
from whence the most fatal consequences
ensue - poor living is likewise productive
of many of those cutaneous diseases so fre-
quent among the lower class of people - it is

is remarkable that cattle when pinches in
their food are generally affected with distyles
of the skin which seldom fail to disappear
when they are put upon good far pastures.
This shows how much a good state of health
depends upon a sufficient quantity of proper
nourishment.

Surely not only occasions but aggravated misery of
the classes of the laborious - few of them have more
misery - and if they had it is seldom in their power
to relieve any thing. The are glad to make a shift to
live from day to day - and - when any disease over
takes them they are miserable indeed - Hear the
god like virtue of charity ought always to exert
it self - To relieve the industrious poor in its
true - is surely the most exalted act of humanity
on and humanity - They alone - who are witness
of those scenes of calamity - can form a notion
what numbers perish in disease for want of proper
assistance and even for want of the necessaries of
life - - Labourers are often hurt by a sudden
insulation which unmuffles them & lie with one
another till they are lost them selves to such a
degree as to recollects of ever or even to draw
down dead - Such as wantonly throw away

away their wives in their married defence
to be looked upon in no better light than
self munition -

The office of a soldier in time of war may be
ranked second among the laborious employments
soldiers suffer many hardships from the inclem-
ency of season long marches bad provision -
hunger - watching - unwhole some climate bad
water &c. These occasions foment fluxes rheum-
atism - and other fatal diseases - which gene-
rally do greater execution than the sword
especially when campaigns are continued
too late in the season - a few weeks of cold
rainy weather will often prove more fatal
than an engagement - Those who have the
command of troops take care that their
soldiers be well clothed and well fed - They
ought also to finish their campaigns in the
season and to provide their men with
dry and well aired winter quarters -
The rules taking care at the same time
to keep the sick at a greater distance from
those in health would tend greatly to preserve
the lives of the soldiers - The sailors

ships may be also numbered among the
laborious - they undergo hardships from
change of climate, the violence of weather,
hard labour, bad provisions &c - Sailors
are of so great importance both to the
trade and safety of this kingdom that no
such pains can never be bestowed in point-
ing out the means of preserving their
lives -

one great source of the disease of suffer-
ing people is excess - when they return
thence after having been long at sea with
no regard to the climate or thence
after having been long at sea without
regard to the climate or their own
constitutions they plunge headlong into
all manner of vice and often perish till
a lower part an end to their lives - Thus
in consequence and not the climate is often the cause
why so many of our brave seamen die on foreign
coast - such people ought not to live too low -
but they will find protection the law & defence
against storms and many other miseries -

Malaria.

Sailors when sick, cannot avoid sometimes getting wet - when this happens. They should change their clothes as soon as they are relieved and take every method to restore the perspiration - They should not, in this case make too free with Spirits or other strong Liquor - but should rather drink them diluted with warm water and go immediately to the bed - whence, upon sleep, and gentle exertion would soon die to night -

But health of sailors suffers most from unwholesome food - The constant use of salted provision vitiates their humours and occasions the scurvy, and other distemper maladies - it is no easy matter to prevent this disease in long voyages - yet we can not help thinking that much might be done towards effecting a desirable end and due pains be bestowed for their purpose - for example, various roots, green and fruits, might be kept a long time at sea, as onions, potatoes, cabbages - Lemons - oranges, tamarinds, apples &c - When fruits cannot be kept the juices of them either fresh or fermented may be mixed with these all the drinks and even

even the food of the ship company ought to be
restituted in long voyages - Malt bread and beer
likewise contribute to vivify the humour. Beer
will keep for a long time onboard of which first
bread might frequently be made - Malt to might
be kept, and infused with boiling water at any
time - This Liqueur when drunk even in form
of wort is very wholesome and is found to be
an antidote against the scury - Small wines
and cider might likewise be plentifully had in
and should they turn sour they should still
be useful as vinegar - Vinegar is a great
antidote against diseases and should be used
by all travellers especially by sea - it may
either be mixed with water they drink, or taken
in their food - Such animals as can be kept in
the ship ought likewise to be carried onboard as
lens. ducks, pigs &c fresh broths made of
portable soups and picketing made of meat
& other vegetable ought to be used plentifully - many other things will readily occur
to people conversant in these matters which
would tend to helpe serve peoples health, others

most brace and useful set of men
we have reason to believe if due attention
were paid to the distant clothing and above
all things to the cleanliness of the seafaring
people they would be the most healthy set
of men in the world - But when these are
neglected. The very reverse will happen the
best medical antidote that we can recom-
mend to sailors or visitors on foreign coast
especially where dampness prevails is
the Peruvian bark - This will often prevent
fevers and other fatal diseases - about a drachm
of it may be taken every day. or if this should
prove disagreeable. an ounce of bark. with
half an ounce of orange peel and two drachms
of make most carefully powdered may be
infused for two or three days in an English
pewter alembick. and half a wine glass of it
taken twice or thrice a day when the storm
and tempest - This has been found to be an
excellent antidote against fluxes first and
intermitting and other fevers in all kinds
of climates - it is not material in

in what form this Medicine, is taken - it may
either be infused in water, wine, or Spirit
as recommended above, or made into an elixir
any with Yerup, Lemons, oranges or the like.

What are general Wines -

The breath of some great men or death gives
celebrity to parts of earth - We may mention
first in Abraham's plains - that Butler sleep
on Lorraine bank - and that the gulf of Lyons
has Achilles tomb - for say the old Wine
drinker and the new Drinker may see
his monument or least his tomb for this
corroding jealousy will not detract but
but leave a mound some little swelling of
the earth to mark the interment of his
bones - Brave honest soldiers sleep
and let the dews sweep over the meadows
that sigh across the lake till man shall
recognise their worth and coming together
last work is this where Wines are buried

well - as essential in the execution of
justice - that it be free without fear
just without deficiency - and speedy
without delay -

they seem to be frugal without misery -
noble without vanity and hospitable
without ostentation - to strangers
courteous and polite

Matched and betrayed by strangers - and
conquered by their enemies to whom
they in vain oppose - without order -
and valour without prudence

The godly was not so ungrateful for
these favours - but in return conferred
on our ancestors the two most valuable
blessings which mankind can receive
or even heaven can bestow - the art
of Agriculture which delivers us
from force in procuring a major
part of life common to us with irrational
beings - and knowledge of those secret
mysteries which fortify the intellect

invited against the forces of death -
Beneath this boulder is buried sleep
the virtuous saint lies -
Ye passengers forbear to weep -
A good man never die.

The sea - men and women - who possess
all qualities to no command them - &
are forever subjected to the influence
of beings - whose - good or ill-will - how-
ever or whereby - attention or neglect -
by motives, and circumstances which
we cannot comprehend -

Hence it appears that no vice can have
destructive than that which teaches us
to regard any judgment as final - & not
open to review -

of all human conscious morality is this
most interesting - it is the principle
associate of our transactions - There
is no situation in which we can be
placed - no alternative that can be
presented to our choice, respecting
which duty is silent - What is

in the standard of morality and duty -
justice -

Nov 11 A Scriptural rational and moral religion
for 193 is alone calculated for their
present improvement in science and
manners - This alone will establish an
confidence in the heart of every thinking
and well disposed man which no
revolution will be able to shake.

Again it has been a remark often made -
and which is too often true, that the
books in favour of religion were
more fit to convince those who were
already believers, than converts the
infidelous -

Nov 11
1749 To the above we will add a few lines from
the description of the Black friars
Choristerary. An ancient name just so
which at this time I do not and hardly
know through Europe. They were called

Spaniards from their former
Habitation & opinion Black friars
because the garment was in France.

justice mechanics been doing their
first, house at St James Street -
Paris -

in this dark abominable state - wedded to
sense - immersed in body - and involved in
matter -

revered
W.
336 &
meaning
Spain

There is in this as in all M'phine's works
a great many striking and happy turns
but so mixed up with inflammable matter
that one scarcely knows whether to rec-
ommend it on the whole or to caution our
readers against its dispersion -

Q. 183. We should never (he thinks) be able to es-
tablish a satisfactory defense of the wisdom
of our religion unless we not only inter-
pret the scriptures by the established
canons of criticism - but examine their
contents with the most rigorous scrutiny
carefully distinguishing such parts as
one certain from such as one probable
and such as one possible from such as
possible

263

it is the sentiment that swells and fills
our bosom - which impels us to act, and forms
itself about us - like smoke in the furnace -
the breath within is more powerful
~~and~~ the heat more intense —

264

Men are destined to play in human life
for manifold stakes of unequal import
ance — The Merchant plays for profit
and is exposed to loss — The warrior
plays for victory or conquest — and
exposes life — every one who would
better his situation in point of fortune
prosperity — or honour hangs in suspense
between opposite events of success
or disappointment

265

in the race for comparative advantage —
the success of one is disappointment to
another — and the industry of one to better
himself a scheme of hostility to those, who
must sink under his elevation —
From this source, we derived jealousy —
envy — malice — those waters of bitterness
which flow so plentifully in human

human life - the which whose principal
aim is to surpass other men joins to suspirate
indignation - disappointment - mortification -
and all the evils of a precarious fortune -
the impossibility of extricating himself
without a total renounce of all his imagina-
tions - and thoughts, to become candid and
humane he must change his objects of
hatred and distrust into objects of god will
and benevolence, and consider his fellow
creatures in society

389 Unfortunately for literary men their turn
of mind, add to their circumstances, generally
unfit them for making a bargain - it is
only in some rare instances, where
wealthy patricy luckily unites with
other talents, and poverty happens
to be at a due distance, that they obtain
a remittance, for which prudence
and disguise assumes the merit of
generosity.

190 In sales or apprenticeship of servants, if it is
known, without a master, what their value

not which may be pardoned but can
not be approved

397 Send a poor young, degenerate & Lord
despised from the conqueror with no
abilities of mind and body, and having virt-
uous and able plebeians, into a foreign
country, among perfect strangers, with
out any distinction of dress, and the strong
will soon determine, which is the Nob-
leman — Nature produces gold, the
king stamps it, and it passes current as
a guinea, but if the guinea has been
clipped, or it tinner is too much alloy in
it, it will be rejected at the exchange —
The pure gold without any stamp at the
mint will always retain its value, according
to its weight — Stamp your gold however with
virtuous qualities, such as affability,
jealeness, courage, good temper, magni-
tudinity, learning, eloquence, gen-
osity, and it will never suffer the disgrace
of being cut a powder by the shears and cast
into the crucible.

108 It would be illentertaining with a suc-
cessful preliminary declaration, which,

which possesses the merit of having
nothing obscure or equivocal in it —
humbly, that this measure, he professes,
the principles he maintains, the facts
he asserts, and the arguments with
which he supports his proposition
appear to me to stand in direct oppo-
sitions to truth, to reason, to policy, to
experience, and to justice —

far best I can manage, to insinuate that the
idea of trouble, or fatigue, can possibly
occur to a lady when dress is made
in the contrary — I hope they will consider
the duty of the sister minister, & I am
sure, but they have only the conscientious
to help to be convinced that not with
anything to the charge of beauty or
of me, in Harton where minister
advised the want —

After 1st I had a meeting of 1000 at
Harton, 1172000 — the audience, con-
sisting of 1000 — & I say, that will

at always a guide, but it is the rule
that respects the rule itself, mighty
things often fall well, and failing
the work to their destined course
is to fail in the drafting broken
of pleasure, the side wind of interest —
the stream of passion and ambition

Moral & Virtuous have been the opinion of various
days & authors, yet the criterion of virtue, some
have placed in conformity to truth, some
to the fitness of things, and others to the
will of god — but all this is merely supposition
they resolve us not — why truth, or the
fitness of things, are eligible, or obligating
or why god should require, us to act in one
manner rather than in another — the true
reason can possibly be nothing other than this beca-
use some actions produce happiness and others
misery — They who extol the truth beauty and
harmony of virtue exclusive of its consequence
deal but in pompous nonsense and they who
would practice us that, good and evil — things
independent depending wholly on the of you-
do but consider the nature of things, as well
as all our notions of yourself, it is the conse-
quence of human action that must stamp them
upon us as the general practice of any
action causes to practice good and introduce

introduce happiness into the world so far we may
pronounce it virtuous - so much evil as is occasioned
such is the degrees of vice, it contains, but though the
production of happiness is the essence of virtue, it
is by no means the end - The great & and is the
protection of mankind, or the giving them an opportu-
nity of exalting or degrading them selves in another
State, by their behaviour in the present one Thus
it answers two most important purposes - the conve-
nient of our obedience, nothing could have been so
justly rewarded with happiness, as the production
of happiness, in conformity alone, which adds men
- it to virtue and constitutes the essential difference
between morality and religion - Morality induces
men to embrace virtue from prudential considera-
tion, from those of gratitude, and obedience -
The Christian is the only religion or moral insti-
-tution in the world, that ever set in a right
light these two material points, the essence and
the end of virtue - so artificially is the notion
of all human virtue and vice contrasted, that
their rewards and punishment are woven - as it
were in the very essence of their immediate
effect give us a foretaste of their future and
them fruits in the present life are the ~~best~~
poor samples of what they must unavoidably pro-
duce in another, we have ~~now~~ given us to distinguish
those consequences - and regulate our conduct ~~for~~

Gaudet and Learst it shoulde neglect its part conciuene
also is appoincted as an instrutiuine kind of monitor
perpetually to remind us both of our interest
and duty —

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Journal

Astrea, ship
Sukey, brigantine
1798-1799